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DIRECTORY OF INSTITUTIONS ENGAGED IN POLLUTION INVESTIGATIONS

Contaminants in Aquatic Organisms

WI/F2335

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Rome, August 1974

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1. INTRODUCTION

The Food and Agriculture Organization of the United Nations (FAO) is promoting and co-ordinating programmes and activities on the monitoring and conservation of the productive capacity of living aquatic resources for fisheries and on the interactions of man's activities and the environment, including the problems of waste disposal, pollution, and related food contamination.

Within this mandate priority is given to assisting developing countries in research, monitoring and evaluation of the state of the aquatic environment and its management in relation to the protection of living resources, fishing and aquaculture, particularly in inland and coastal areas and enclosed seas, where pollution presents urgent problems. In this respect the FAO regional fisheries bodies are promoting and co-ordinating regional co-operative programmes of their member countries, and a number of studies have been published or are being prepared reviewing the state of aquatic pollution in the areas concerned, developing water quality criteria for the protection of the living resources, and compiling data and information on contaminants in aquatic organisms relevant to fisheries.

Simultaneously with these activities, and in order to predict and prevent future degradation of the aquatic environment and resources, and in order to provide the basis for decision-making, the FAO Fishery Resources and Environment Division has taken steps to facilitate the exchange of information and experience among countries, and to identify, evaluate and disseminate basic data through its Fishery Data Centre and documentation service. This is done through contacts with the appropriate national institutions and collaboration with regional scientific bodies and other institutions concerned.

The FAO Fishery Data Centre, which is part of the World Data Centres system, as a specialized centre, is aimed at assisting FAO Member States and co-operating fisheries institutions, regional fisheries bodies, and field projects with standards for biological data collection, organized storage, rapid retrieval and processing of these data for use in the assessment of fishery resources and their state.

The FAO Fishery Data Centre also provides support to the Intergovernmental Oceanographic Commission (IOC), as a joint specialized mechanism of the United Nations agencies whose Executive Heads are participating in the Inter-Secretariat Committee on Scientific Problems Related to Oceanography, ICSPRO (UNESCO, FAO, WMO, IMCO, UN), as well as to co-operative investigations under the IOC and to research projects under the Global Investigation of Pollution in the Marine Environment (GIPME). The FAO Fishery Data Centre provides service and logistic support for biological contaminant monitoring and contributes to the Global Environmental Monitoring System (GEMS), as part of the FAO/UNEP Co-operative Programme.

In order to extend these activities to the determination of levels of contaminants in various organisms, especially those of commercial importance - following Recommendation 91 of the UN Conference on the Human Environment (Stockholm, June 1972) - the Fishery Data Centre, in July 1973, as a first phase of a long-term programme, distributed to marine and freshwater institutions around the world a questionnaire designed to collect information on programmes being undertaken to analyze and measure contaminants in aquatic organisms.

This Directory contains an analysis of all forms returned as of 30 November 1973. Revised editions will be published as more replies to the questionnaire are received.

By December 1974 the Fishery Data Centre will have distributed a second questionnaire which will seek more comprehensive information on geographical areas covered by biological monitoring or ad hoc analytical systems, and will ascertain from institutions details of the data inventories they maintain - by species, by contaminant analysis, and time period. This information will then be used to prepare a world-wide inventory of data available in national and international institutions and to evaluate and plan the services which the FAO Fishery Data Centre is expected to provide in this field.

2. USE TO BE MADE OF THE DIRECTORY

The present Directory contains the addresses of 286 institutions from 54 countries who responded positively to the questionnaire (see Annex 1), and indicates their special field of work and interest in connection with either research programmes or routine activities associated with aquatic pollution monitoring.

In the Directory, countries are listed in alphabetical order. Within each country, institutions are listed alphabetically and are classified according to their field of activity, i.e. whether they are dealing with marine or freshwater species, or with both. Institutions analyzing samples from lagoons/bays/estuaries are listed under "marine waters" (M) if they are fundamentally dealing with coastal waters or samples from the open ocean, and under "freshwater" (F) if they are essentially involved in investigating organisms from lakes or rivers. If samples are taken from rivers or lakes and coastal waters or the open ocean, institutions are listed under "aquatic" (A).

The above classification - M, F or A - has been used in the first three columns after the addresses to indicate the special fields of work of the institutions, i.e. whether they are directed to research or monitoring programmes or to both of them, and whether they include investigations on the bioassays. The "X" signsin the other columns indicate the activities of these institutions which, according to the replies to the questionnaire - are classified as follows :

Inspector : Samples are taken from aquatic organisms destined for human consumption

Geographical Area : Samples are taken from a specific geographical area (for code numbers see Table 1)

Communities/Species : Indicates the communities or groups of organisms being investigated :

Plankton
Benthos
Interstitial fauna (INT. FAUNA)
Micro-organisms (MICRO ORG)
Marine mammals (MAR. MAMM)
Pelagic
Demersal
Aquatic species of commercial interest (COMM. SP.)

Categories of Contaminants : Indicates the categories of contaminants being analyzed :

Halogenated hydrocarbons (pesticides, etc.) (HAL.HYDCB)
Petroleum hydrocarbons (PET. HYDCB)
Other organic chemicals (fatty acids lipids, etc.) (ORG.CHEM)
Metals
Radioactive substances (RAD. SUBST)
Biological pollutants (bacteria, viruses, etc.) (BIO POLLNTS)
Others

From this arrangement the user of the Directory may identify the field of activity and easily locate the addresses of institutions working in the field in which he is interested. Names of research workers mentioned in some cases on the questionnaire are not included in the present Directory. However, such information will be merged with that already collected within FAO's Aquatic Sciences and Fisheries Information System (ASFIS) to be used for a future revision of a world list of experts, a first edition of which was issued in October 1973 as "Directory of Experts on Marine Pollution" (FAO Fish.Tech.Pap. No. 99, Rev. 1, Rome, 1973).

3. PRELIMINARY ANALYSIS OF AVAILABLE INFORMATION

3.1 Number of active institutions by country, by aquatic medium and by programme type

In Table 2 the number of institutions is listed by country (in alphabetical order) and both by aquatic medium (marine, freshwater, aquatic) and by programme type (research, routine monitoring, bioassays and/or toxicity tests): 134 institutions are collecting data on the concentration of contaminants in marine organisms, 41 are dealing with freshwater samples, and 91 are working in both fields. With regard to the programme type, 234 of the institutions are actively engaged in research programmes related to aquatic pollution. Routine

monitoring programmes concerning contaminants in aquatic organisms on the other hand, are also carried out by a surprisingly high number of institutions, namely 95. 165 institutions in 36 out of 48 countries are additionally dealing with bioassays and/or toxicity tests.

3.2 Number of active institutions by major water body areas

The number of institutions collecting data on concentrations of contaminants in samples taken from the various oceans and marginal seas are given in Figure 1 together with the location of the institutions. In addition, Table 3 lists the number of institutions in major sea areas.

3.3 Number of active institutions by aquatic communities

An evaluation of the replies to the questionnaire results in the following ranking of the number of institutions dealing with the various communities or major species :

Aquatic species of commercial value	165	institutions
Benthos	144	"
Plankton	124	"
Pelagic	90	"
Demersal	72	"
Micro-organisms	66	"
Interstitial fauna	46	"
Marine mammals	38	"

Information on the relevant activities by country is given in Table 4.

3.4 Number of active institutions by contaminants analyzed

Similar to 3.3, a ranking of the number of institutions dealing with the main contaminants is as follows :

Metals	201	institutions
Halogenated hydrocarbons (pesticides, etc.)	150	"
Biological pollutants (bacteria, viruses, etc.)	96	"
Petroleum hydrocarbons	83	"
Other organic chemicals (fatty acids, lipids, etc.)	51	"
Others	42	"
Radioactive substances	37	"

Detailed information on the relevant activities by country is contained in Table 4.

Table 1

Code numbers of sea areas from which samples are taken

10 North Atlantic Ocean
11 Norwegian Sea
12 North Sea (incl. Skagerrak)
13 Baltic Sea (incl. Kattegat, Belt Sea)
14 Irish Sea and English Channel
15 Gulf of Biscay
16 Mediterranean Sea (incl. Black Sea)
17 Caribbean Sea and Gulf of Mexico
18 Gulf of St. Lawrence
19 Hudson Bay

20 South Atlantic Ocean (incl. tropical zone)
21 Gulf of Guinea
22 Eastern shelf zone (southern Africa)
23 Western shelf zone (Patagonian shelf)

30 North Pacific Ocean (incl. tropical zone)
31 Bering Sea
32 Sea of Okhotsk
33 Sea of Japan
34 East China Sea (incl. Yellow Sea)
35 South China Sea
36 Indonesian waters (incl. Java Sea,
Celebes Sea, Sulu Sea,
Flores Sea, Banda Sea,
Molucca Sea, Makassar Strait)
37 Gulf of Panama
38 Gulf of California
39 Gulf of Alaska

40 South Pacific Ocean (no subdivisions)

50 North Indian Ocean
51 Red Sea
52 Gulf of Aden
53 Persian Gulf
54 Gulf of Oman
55 Arabian Sea
56 Bay of Bengal
57 Andaman Sea
58 Strait of Malacca

60 South Indian Ocean
61 Timor Sea
62 Arafura Sea
63 Great Australian Bight
64 Mozambique Channel

70 Polar Seas; Arctic
71 Barents Sea
72 Greenland Sea
73 Baffin Bay
74 Beaufort Sea

80 Polar Seas; Antarctic
81 Ross Sea
82 Weddell Sea

GL Great Lakes
CS Caspian Sea

FAO FISHERY DATA CENTRE
FAO/UNEP DIRECTORY TO INSTITUTES ENGAGED IN POLLUTION INVESTIGATIONS
CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974

TABLE 2
NUMBER OF ACTIVE INSTITUTES BY COUNTRY BY AQUATIC MEDIUM AND BY PROGRAM TYPE

COUNTRY	TOTAL INSTITUTES	AQUATIC MEDIUM			PROGRAMME TYPE		
		MARINE	FRESHWATER	AQUATIC	RESEARCH	MONITORING	BIOASSAYS
ANGOLA	1	1	–	–	1	–	–
ARGENTINA	5	3	–	2	5	1	2
AUSTRALIA	11	4	1	5	10	4	4
BELGIUM	4	1	1	2	4	1	3
BERMUDA	1	1	–	–	1	–	1
CANADA	31	9	10	10	23	14	16
CHILE	8	5	2	–	6	–	2
COLOMBIA	1	–	–	1	1	–	–
CUBA	2	2	–	–	2	1	2
DENMARK	2	1	–	–	1	1	–
FINLAND	5	2	–	2	4	–	3
FRANCE	12	6	2	1	8	4	8
GERMANY, FED. REP.	8	3	1	3	4	4	6
GREECE	1	–	–	1	1	–	1
HONG KONG	1	–	–	–	–	–	–
ICELAND	2	–	–	2	2	–	–
INDIA	2	–	1	–	1	–	–
INDONESIA	2	2	–	–	2	–	1
IRAN	1	–	–	1	1	–	–
IRELAND	1	–	–	1	–	1	–
ISRAEL	3	1	–	2	3	1	2
ITALY	6	2	1	3	5	3	4
IVORY COAST	1	1	–	–	1	–	1
JAPAN	9	4	1	3	7	–	3
KOREA, REPUBLIC OF	2	1	–	1	2	1	2
KUWAIT	1	1	–	–	–	1	–
MALAYSIA	1	–	–	1	1	–	–
MALTA	1	1	–	–	1	–	1
MEXICO	4	1	–	3	4	1	3
MOROCCO	2	2	–	–	1	2	1
MOZAMBIQUE	1	1	–	–	1	–	–
NETHERLANDS	3	–	–	3	3	1	3
NEW ZEALAND	3	–	1	2	3	1	1
NORWAY	4	2	–	1	2	1	3
PERU	3	–	–	1	1	–	1
PHILIPPINES	4	–	–	4	4	2	2
POLAND	1	–	–	1	1	1	1
PORTUGAL	1	1	–	–	1	1	1
PUERTO RICO	1	–	–	1	1	–	–
ROMANIA	1	1	–	–	1	–	1
SINGAPORE	2	2	–	–	2	1	2
SOUTH AFRICA	2	1	–	1	2	2	1
SPAIN	7	5	–	1	5	3	2
SWEDEN	4	3	–	1	3	2	1
SWITZERLAND	1	–	–	1	1	–	1
TURKEY	1	1	–	–	1	–	1
UGANDA	1	–	1	–	1	–	1
UNITED KINGDOM	31	18	3	8	24	11	20
UNITED STATES	76	41	16	18	68	27	54

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CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974

TABLE 2
NUMBER OF ACTIVE INSTITUTES BY COUNTRY BY AQUATIC MEDIUM AND BY PROGRAM TYPE

COUNTRY	TOTAL INSTITUTES	AQUATIC MEDIUM			PROGRAMME TYPE		
		MARINE	FRESHWATER	AQUATIC	RESEARCH	MONITORING	BIOASSAYS
URUGUAY	1	–	–	1	1	–	–
USSR	1	–	–	1	–	1	–
VENEZUELA	3	2	–	1	3	–	2
VIET-NAM, REPUBLIC	2	1	–	1	2	–	–
YUGOSLAVIA	1	1	–	–	1	1	1
TOTAL	286	134	41	91	234	95	165

TABLE 3

NUMBER OF INSTITUTIONS TAKING SAMPLES AND COLLECTING DATA ON CONTAMINANTS IN ORGANISMS FROM MAJOR SEA AREAS

Major Sea Area	Number of Institutions
CS CASPIAN SEA	4
GL GREAT LAKES	10
TOTAL FOR THIS REGION	10
10 NORTH ATLANTIC OCEAN	66
11 NORWEGIAN SEA	2
12 NORTH SEA (INCL. SKAGERAK)	26
13 BALTIC SEA (INCL. KATTEGAT, BELT SEA)	10
14 IRISH SEA AND ENGLISH CHANNEL	15
15 GULF OF BISCAY	4
16 MEDITERRANEAN SEA	20
17 CARIBBEAN SEA AND GULF OF MEXICO	18
18 GULF OF ST. LAWRENCE	5
19 HUDSON BAY	1
TOTAL FOR THIS REGION	177
20 SOUTH ATLANTIC OCEAN (INCL. TROPICAL)	4
21 GULF OF GUINEA	1
22 EASTERN SHELF ZONE (SOUTHERN AFRICA)	3
23 WESTERN SHELF ZONE (INCL. PATAGONIAN)	4
TOTAL FOR THIS REGION	12
30 NORTH PACIFIC OCEAN (INCL. TROPICAL)	30
31 BERING SEA	2
33 SEA OF JAPAN	5
34 EAST CHINA SEA (INCL. YELLOW SEA)	1
35 SOUTH CHINA SEA	11
36 INDONESIAN WATERS (INCL. JAVA, CELEBES)	2
38 GULF OF CALIFORNIA	5
39 GULF OF ALASKA	2
TOTAL FOR THIS REGION	58
40 SOUTH PACIFIC	20
TOTAL FOR THIS REGION	20
51 RED SEA	3
53 PERSIAN GULF	2
TOTAL FOR THIS REGION	5
60 SOUTH INDIAN OCEAN	5
63 GREAT AUSTRALIAN BIGHT	2
64 MOZAMBIQUE CHANNEL	2
TOTAL FOR THIS REGION	9
70 POLAR SEAS - ARCTIC	6
71 BARENTS SEA	1
73 BAFFIN BAY	1
74 BEAUFORT SEA	2
TOTAL FOR THIS REGION	10
80 POLAR SEAS - ANTARCTIC	5
TOTAL FOR THIS REGION	5

FAO FISHERY DATA CENTRE
FAO/UNEP DIRECTORY TO INSTITUTES ENGAGED IN POLLUTION INVESTIGATIONS
CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974

TABLE 4

NUMBER OF ACTIVE INSTITUTIONS BY COMMUNITY AND BY CONTAMINANT INVESTIGATED

	COMMUNITY								CONTAMINANT						
COUNTRY	PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	COMM. SP.	CHAL HYDCB	PET HYDCB	ORG CHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
ANGOLA	-	-	-	-	-	1	-	1	-	-	1	1	-	-	-
ARGENTINA	3	2	-	4	1	1	1	2	3	3	4	4	-	4	-
AUSTRALIA	1	6	1	-	1	3	3	8	6	-	-	9	-	1	1
BELGIUM	3	4	1	1	-	2	1	1	1	1	-	4	1	1	1
BERMUDA	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-
CANADA	12	12	3	11	9	8	9	27	22	9	8	23	2	10	5
CHILE	1	4	1	-	-	1	3	4	-	2	1	4	1	5	2
COLOMBIA	1	1	-	1	1	-	1	1	1	-	-	-	-	-	-
CUBA	2	1	1	1	-	1	1	1	2	1	2	1	1	1	-
DENMARK	-	1	-	-	1	1	1	-	-	-	-	1	-	-	-
FINLAND	3	2	-	-	2	-	-	4	4	1	2	4	-	-	-
FRANCE	6	6	2	2	1	3	2	5	4	3	2	6	-	6	1
GERMANY, FED. REP.	6	5	-	3	1	1	1	4	6	2	1	6	2	4	1
GREECE	1	1	-	-	-	1	-	-	-	1	1	1	1	-	-
HONG KONG	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-
ICELAND	1	-	-	1	1	-	-	-	1	-	-	1	-	2	-
INDIA	1	1	1	-	-	-	-	-	1	-	1	-	-	-	-
INDONESIA	1	1	-	1	-	2	1	2	-	1	-	1	-	-	1
IRAN	1	1	1	1	1	-	-	1	1	1	1	1	-	1	-
IRELAND	-	1	1	-	-	-	1	1	1	-	-	1	1	1	-
ISRAEL	2	2	-	1	-	-	-	-	1	2	-	1	-	1	-
ITALY	2	4	-	1	-	1	1	2	3	2	2	4	-	1	2
IVORY COAST	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-
JAPAN	4	3	-	-	1	1	1	2	2	1	1	5	3	-	1
KOREA, REPUBLIC OF	1	-	1	1	-	1	2	-	1	-	1	1	-	2	-
KUWAIT	1	1	1	1	-	1	1	1	1	1	-	1	1	1	1
MALAYSIA	1	-	1	1	-	-	-	1	1	-	-	1	-	1	-
MALTA	-	-	-	1	-	-	-	1	1	-	-	1	-	-	-
MEXICO	3	2	2	-	1	2	2	4	2	2	1	2	-	2	-
MOROCCO	-	-	-	-	-	-	-	1	1	-	1	1	-	2	-
MOZAMBIQUE	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
NETHERLANDS	1	1	-	-	1	1	-	1	3	-	-	3	1	1	1
NEW ZEALAND	-	3	1	-	-	2	1	2	2	-	-	3	-	-	-
NORWAY	2	1	-	-	-	1	1	-	1	1	1	2	-	-	1
PERU	-	-	-	-	-	1	1	1	1	-	-	1	-	1	1
PHILIPPINES	1	-	-	-	-	2	1	4	2	1	-	3	1	1	1
POLAND	1	1	-	1	-	1	1	1	1	1	-	1	1	1	1
PORTUGAL	1	-	-	-	-	1	1	1	-	-	-	-	-	1	-
PUERTO RICO	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-

FAO FISHERY DATA CENTRE
FAO/UNEP DIRECTORY TO INSTITUTES ENGAGED IN POLLUTION INVESTIGATIONS
CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974

TABLE 4

NUMBER OF ACTIVE INSTITUTIONS BY COMMUNITY AND BY CONTAMINANT INVESTIGATED

	COMMUNITY								CONTAMINANT						
COUNTRY	PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	COMM. SP.	CHAL. HYDCB	PET. HYDCB	ORG. CHEM	METALS	RAD. SUBST	BIOPOLLNTS	OTHERS
SINGAPORE	1	–	–	–	–	–	1	2	–	–	–	2	–	2	1
SOUTH AFRICA	2	2	2	1	1	1	1	–	2	1	1	2	1	1	–
SPAIN	2	4	1	2	–	4	2	5	4	5	–	5	–	4	2
SWEDEN	1	3	–	–	1	1	1	2	3	1	–	3	1	–	–
SWITZERLAND	1	–	–	1	–	1	–	–	–	–	–	–	–	1	–
TURKEY	–	–	–	–	1	–	–	1	1	–	–	–	–	–	–
UGANDA	1	1	–	–	–	1	–	1	1	–	–	–	–	–	–
UNITED KINGDOM	12	18	9	7	4	7	5	9	12	7	6	27	2	7	3
UNITED STATES	37	44	15	18	8	28	19	52	45	27	11	56	12	24	15
URUGUAY	–	–	–	–	–	1	1	1	–	–	–	1	1	1	–
USSR	1	1	1	–	1	1	1	1	1	1	1	1	1	1	–
VENEZUELA	–	1	–	1	–	2	2	2	1	1	1	2	1	–	–
VIET-NAM, REPUBLIC	–	1	–	–	–	–	–	1	2	1	–	–	–	1	–
YUGOSLAVIA	1	1	–	1	–	1	1	1	1	–	–	1	1	1	–
TOTAL	124	144	46	66	38	90	72	165	150	83	51	201	37	96	42

FAO FISHERY DATA CENTRE
FAO/UNEP DIRECTORY TO INSTITUTES ENGAGED IN POLLUTION INVESTIGATIONS
CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974
DIRECTORY COPY FOR WORLD INSTITUTES

	INSPECTOR	RESEARCH	MONITORING	BIOASS/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT.-FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAR.-MAM	COMMUNITY: PELAGIC	DEMERSAL	CONTAMINANTS: COMM.-SP.	CONTAMINANTS: HAL.-HYDCB	CONTAMINANTS: PET.-HYDCB	CONTAMINANTS: ORG.-CHEM	CONTAMINANTS: METALS	CONTAMINANTS: RAD.-SUBST	BIOPOLLNTS	OTHERS
020 INSTITUTO DAS INDUSTRIAS DE PESCA DE ANGOLA CAIXA POSTAL 83 LUANDA ANGOLA	.	M	.	.	22	.	.	.	.	.	X	.	X	.	.	X	X	.	.	.
031 BIBLIOTECA INSTITUTO ARGENTINO DE OCEANOGRAFIA AV. ALEM 53 BAHIA BLANCA PCIA. BS. AS. ARGENTINA	.	M	.	M	23	X	X	.	X	X	X	X	X	X	X	X	X	.	X	.
035 DIRECCION NACIONAL DEL ANTARTICO CERRITO 1248 BUENOS AIRES ARGENTINA	.	M	.	M	80	.	.	.	X	.	.	.	.	.	.	.	X	.	X	.
030 INSTITUTO ARGENTINO DE OCEANOGRAFIA AV. ALEM 53 BAHIA BLANCA PCIA. BS. AS. ARGENTINA	.	M	.	.	23	X	X	.	X	.	.	.	.	.	X	X	X	.	X	.
032 INSTITUTO DE BIOLOGIA MARINA CASILLA DE CORREO 175 MAR DEL PLATA ARGENTINA	.	A	.	.	23	.	.	.	.	.	.	.	X	X	.	X	.	.	.	.
033 SUBSECRETARIA DE RECURSOS HIDRICOS DEPARTAMENTO DE CONTAMINACION HIDRICA CENTRO DE TECNOLOGIA DEL AGUA 25 DE MAYO 459 BUENOS AIRES ARGENTINA	.	A	A	.		X	.	.	X	.	.	.	.	X	X	X	X	.	X	.

FAO FISHERY DATA CENTRE
FAO/UNEP DIRECTORY TO INSTITUTES ENGAGED IN POLLUTION INVESTIGATIONS
CONTAMINANTS IN AQUATIC ORGANISMS REVISED EDITION AUGUST 1974
DIRECTORY COPY FOR WORLD INSTITUTES

INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INTERTIDAL FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAMM	COMMUNITY: MAR. MAMM	PELAGIC	DEMERSAL	COMM. SP.	CONTAM: HAL. HYDC B	CONTAM: PET. HYDC B	CONTAM: ORG. CHEM	AM: MET ALS	INRAD. SUBST	ANT BIOPOLLNTS	OTHERS
042 C.S.I.R.O. DIVISION OF FISHERIES AND OCEANOGRAPHY P.O. BOX 21 CRONULLA, N.S.W. 2230 AUSTRALIA	.	M	M	.	40	X	X	.	X	.	.	.	.	.	.	.	.	X	.	.	.
048 DEPARTMENT OF FISHERIES BOX 1191 G.P.O. ADELAIDE 5001 S.A. AUSTRALIA	.	A	A	.	40	.	X	.	.	.	X	X	X	X	.	.	X	.	.	.
044 DEPARTMENT OF FISHERIES AND FAUNA W.A. MARINE RESEARCH LABORATORIES P.O. BOX 20 NORTH BEACH, W.A. 6020 AUSTRALIA	.	A	A	.	63 60	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
051 DEPARTMENT OF FISHERIES FAUNA 108 ADELAIDE TERRACE PERTH, W.A. 6000 AUSTRALIA	.	A	.	.	60	.	.	.	.	.	X	X	X	X	.	.	X	.	.	.
041 DEPARTMENT OF FOOD TECHNOLOGY UNIVERSITY OF NEW SOUTH WALES P.O. BOX 1 KENSINGTON, N.S.W. 2033 AUSTRALIA	.	M	.	.	63	.	X	.	.	.	.	.	X	.	.	.	X	.	X	.
047 DEPARTMENT OF SCIENCE P.O. BOX 449 WODEN, A.C.T. 2606 AUSTRALIA	.	M	M	M	40 60	.	X	.	.	X	X	X	X	X	.	.	X	.	.	X
043 DEPARTMENT OF ZOOLOGY UNIVERSITY OF TASMANIA BOX 252 C, G.P.O. HOBART 7001 AUSTRALIA	.	F	.	F		.	X	.	.	.	.	.	.	.	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: MICRO ORGANISMS	COMMUNITY: MAR. MAM.	COMMUNITY: PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANTS: COMM. SP.	CONTAMINANTS: HAL. HYD. CB	CONTAMINANTS: PET. HYD. CB	CONTAMINANTS: ORG. CHEM	CONTAMINANTS: MET. HALS	CONTAMINANTS: RAD. SUBST	CONTAMINANTS: BIOPOL. CLNTS	CONTAMINANTS: OTHERS
040 DEPARTMENT OF ZOOLOGY UNIVERSITY OF QUEENSLAND ST. LUCIA 4067 BRISBANE, QUEENSLAND AUSTRALIA	.	M	.	M	40	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
053 DEPARTMENT OF THE NORTHERN TERRITORY SCIENTIFIC SERVICES SECTION P.O. BOX 2733 GPO DARWIN N.T. 5792 AUSTRALIA	.	A	A	.	30	.	X	X	.	.	.	.	X	X	.	.	X	.	.	.
049 MINISTRY FOR CONSERVATION FISHERIES AND WILDLIFE DIVISION MARINE POLLUTION STUDIES GROUP 605 FLINDERS ST. MELBOURNE VIC. 3000 AUSTRALIA	.	M	.	M	63	X	X	..	.	.	X	X	X	X	.	..	X	.	.	.
050 N.S.W. STATE FISHERIES 211 KENT ST. SYDNEY, N.S.W. AUSTRALIA	.	A	.	A	40	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
052 PUBLIC HEALTH DEPARTMENT OF WESTERN AUSTRALIA PERTH, W.A. AUSTRALIA	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
055 COLLECTIF DE BIO-ECOLOGIE UNIVERSITE LIBRE DE BRUXELLES 50 AV. F.D. ROOSEVELT 1050 BRUXELLES BELGIUM	.	M	.	M	12	X	X	.	.	.	.	.	.	.	.	.	X	.	.	.
056 INSTITUT ROYAL DES SCIENCES NATURELLES DE BELGIQUE RUE VAUTIER 31 1040 BRUXELLES BELGIUM	.	A	A	A	12 16	X	X	X	X	.	X	X	.	.	.	.	X	X	X	.
060 LABORATOIRE DE MORPHOLOGIE SYSTEMATIQUE ET ECOLOGIE ANIMALES UNIVERSITE DE LIEGE QUAI VAN BENEDEN, 22 B-4000 LIEGE BELGIUM	.	F	.	.		.	X	.	.	.	.	.	X	.	X	.	X	.	.	X

INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASS/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAM	PELAGIC	DEMERSAL	COMM. SP.	CONTAMINANT: CHAL. HYDCB	PET. HYDCB	ORG. CHEM	METALS	RAD. SUBST	BIOPOLLNTS	OTHERS
057 LABORATORY FOR BIOLOGICAL RESEARCH IN ENVIRONMENTAL POLLUTION RIJKSUNIVERSITEIT GENT J. PLATEAUSTRAAT 22 9000 GENT BELGIUM	.	A	.	A	12	X	X	.	.	.	X	.	.	X	.	.	X	.	.	.
068 BERMUDA BIOLOGICAL STATION FOR RESEARCH INC. ST. GEORGE'S WEST BERMUDA	.	M	.	M	10	.	.	.	.	.	X	.	.	.	X	.	.	.	.	.
081 ATOMIC ENERGY OF CANADA LTD. CHALK RIVER NUCLEAR LABORATORIES BIOLOGY AND HEALTH PHYSICS DIVISION CHALK RIVER, ONTARIO KOJ 1JO CANADA	.	F	.	.		.	X	.	.	.	.	X	.	.	.	.	.	X	.	.
072 BIOLOGICAL STATION FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT WATER STREET EAST ST. JOHN'S, NEWFOUNDLAND CANADA	.	M	.	.	18 10	.	X	.	X	.	X	X	X	.	X	X	X	.	X	.
095 BIOLOGICAL STATION FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT ST. ANDREWS, NEW BRUNSWICK CANADA	.	A	A	A	18 10	.	.	.	.	.	X	.	X	X	.	.	.	.	.	.
099 BIOLOGY DEPARTMENT ACADIA UNIVERSITY WOLFVILLE, NOVA SCOTIA CANADA	.	A	.	A	73 19	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INTERFAUNA	COMMUNITY: MICROORG.	COMMUNITY: MARMAM.	COMMUNITY: PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	CONTAMINANT: HAL. HYD. CB	CONTAMINANT: PET. HYD. CB	CONTAMINANT: ORG. CHEM.	CONTAMINANT: MET. ALS	CONTAMINANT: RAD. SUBST.	CONTAMINANT: BIOCIDE CLNTS	CONTAMINANT: OTHERS
075 BIOLOGY DEPARTMENT DALHOUSIE UNIVERSITY HALIFAX, NOVA SCOTIA CANADA	.	M	.	.		X	.	.	.	X	X	.	X	.	.	.	X	.	.	.
087 CENTRAL REGION FISHERIES AND MARINE SERVICE 501 UNIVERSITY CRESCENT WINNIPEG, MANITOBA R3T 2N6 CANADA	.	F	F	F	GL	X	X	.	X	X	.	.	X	X	.	X	X	.	.	X
071 DEPARTMENT OF BIOCHEMISTRY MEMORIAL UNIVERSITY OF NEWFOUNDLAND ST. JOHN'S, NEWFOUNDLAND CANADA	.	M	.	M	10	.	.	.	X	.	.	.	X	X	.	X	.	.	.	.
093 DEPARTMENT OF ZOOLOGY UNIVERSITY OF GUELPH GUELPH, ONTARIO CANADA	.	A	.	A	GL	.	X	.	X	X	.	.	X	.	.	.	X	.	X	.
091 DEPARTMENTAL LIBRARY MINISTER OF ENVIRONMENT DEPARTMENT OF THE ENVIRONMENT OTTAWA, ONTARIO K1AOH3 CANADA	.	A	A	A	10 30 70	X	.	.	X	X	.	X	X	X	X	.	.	.	X	.
090 FACULTY OF SCIENCE UNIVERSITY OF NEW BRUNSWICK FREDERICTON, NEW BRUNSWICK CANADA	.	F	.	F		.	.	.	X	.	.	.	X	X	X	.	X	.	X	.
089 FISH AND WILDLIFE DIVISION FISHERIES LIBRARY D-503 TERRACE BUILDING EDMONTON, ALBERTA CANADA	.	.	F	F		.	.	.	.	.	.	.	X	X	.	.	X	.	X	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASS/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAM.	PELAGIC	DEMERSAL	COMM. SP.	CONTAMINANT: HALHYDCB	PETHYDCB	ORG. CHEM	METALS	RADSUBST	BIOCOLLNTS	OTHERS
096 FISH INSPECTION LABORATORIES NEWFOUNDLAND REGION FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT P.O. BOX 5667 ST. JOHN'S, NEWFOUNDLAND CANADA	X	A	A	.	10	.	.	.	X	X	X	X	X	.	.	.	X	.	X	.
094 FISHERIES OPERATIONS DEPARTMENT OF THE ENVIRONMENT 1090 WEST PENDER STREET VANCOUVER, BRITISH COLUMBIA V6E 2P1 CANADA	X	A	A	A		X	X	.	.	.	X	X	X	X	.	X	X	.	X	.
080 FISHERIES RESEARCH STATION ONTARIO MINISTRY OF NATURAL SCIENCES R.R. NO. 1 TEHKUMMAH MANITOULIN ISLAND, ONTARIO POP 2CO CANADA	.	.	F	.	GL	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
100 FRESHWATER INSTITUTE FISHERIES RESEARCH BOARD OF CANADA 501 UNIVERSITY CRESCENT WINNIPEG 19, MANITOBA R3T 2N6 CANADA	.	A	A	A		X	X	X	.	X	X	X	X	X	.	X	X	.	.	.
082 GREAT LAKES BIOLIMNOLOGY LABORATORY FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT CANADA CENTRE FOR INLAND WATERS 867 LAKESHORE ROAD P.O. BOX 5050 BURLINGTON, ONTARIO 47R 4A6 CANADA	.	F	F	F	GL	X	X	X	X	.	.	.	X	X	X	.	X	.	.	X

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAMM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	CHLOR. HYDROCB	PET. HYDROCB	ORG. CHEM.	METALS	RADIOSUBST	BIOPOLLNTS	OTHERS
073 HALIFAX LABORATORY FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT P.O. BOX 429 HALIFAX, NOVA SCOTIA CANADA	.	M	.	M	10	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
092 INSPECTION BRANCH FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT OTTAWA, ONTARIO CANADA	.	.	A	.	10 20 30 40 70	.	.	.	.	X	X	X	X	X	X	.	X	X	X	.
083 INSTITUTE OF ENVIRONMENTAL SCIENCES AND ENGINEERING UNIVERSITY OF TORONTO HAULTAIN BUILDING TORONTO, ONTARIO M5S 1A4 CANADA	.	F	.	F	GL	X	.	X	X	.	.	.	X	X	.	.	X	.	X	.
074 LIBRARY ATLANTIC REGIONAL LABORATORY NATIONAL RESEARCH COUNCIL OF CANADA 1411 OXFORD STREET HALIFAX, NOVA SCOTIA CANADA	.	.	.	.	18 10	X	.	.	X	.	.	.	.	X	.	.	.	.	.	.
076 MARINE ECOLOGY LABORATORY BEDFORD INSTITUTE OF OCEANOGRAPHY DARTMOUTH, NOVA SCOTIA CANADA	.	M	.	M	10 18	X	X	.	.	X	.	.	.	X	X	.	.	.	.	.
070 MARINE SCIENCES RESEARCH LABORATORY MEMORIAL UNIVERSITY OF NEWFOUNDLAND ST. JOHN'S, NEWFOUNDLAND CANADA	.	M	.	.	10	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INTERFAUNA	COMMUNITY MICROORGANISM	COMMUNITY PERIPHYTON	COMMUNITY PELAGIC	COMMUNITY DEMERSAL	COMMUNITY OTHER	CONTAMINANTS COMMERCIAL SPECIES	CONTAMINANTS HAZARDOUS BIOCHEMICALS	CONTAMINANTS PETROCHEMICALS	CONTAMINANTS OTHER	AMINANTS	INANTS RADIOISOTOPES	ANTS BIOCIDES	ANTS OTHERS
079 NATIONAL MUSEUM OF NATURAL SCIENCES 2379 HOLLY LANE OTTAWA, ONTARIO K1A 0M8 CANADA	.	.	M	.	18	X	X	.	X	X	X	X	X	.	.	.	.	.	.	.	.
078 PACIFIC ENVIRONMENT INSTITUTE FISHERIES RESEARCH BOARD OF CANADA DEPARTMENT OF THE ENVIRONMENT 4160 MARINE DRIVE WEST VANCOUVER, BRITISH COLUMBIA CANADA	.	M	.	M	30	X	X	.	.	.	.	.	X	.	.	.	X	.	.	X
085 PROVINCE OF MANITOBA DEPARTMENT OF MINES, RESOURCES AND ENVIRONMENTAL MANAGEMENT WINNIPEG, MANITOBA R3C 0V8 CANADA	X	F	F	.		.	X	.	.	.	.	.	X	X	.	.	X	.	.	X
104 RADIATION PROTECTION DIVISION DEPARTMENT OF NATIONAL HEALTH AND WELFARE CONFEDERATION HEIGHTS OTTAWA, ONTARIO CANADA	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
097 RESOURCES DEVELOPMENT BRANCH FISHERIES AND MARINE SERVICE DEPARTMENT OF THE ENVIRONMENT P.O. BOX 550 HALIFAX, NOVA SCOTIA CANADA	.	A	.	.	10	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
084 ROYAL ONTARIO MUSEUM 100 QUEEN'S PARK TORONTO, ONTARIO M5S 2C6 CANADA	.	F	.	.	GL	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.

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	COMMUNITY											CONTAMINANT								
INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	COMM. SP.	HAL. HYDCB	PET. HYDCB	ORG. CHEM	MET. ALS	RAD. SUBST	BIOPOL. NTS	OTHERS
098 SURVEILLANCE AND ANALYSIS DIVISION ENVIRONMENTAL PROTECTION SERVICE P.O. BOX 2406 HALIFAX, NOVA SCOTIA CANADA	X	.	A	A		X	X	.	.	.	.	X	X	X	X	X	X	.	X	X
088 UNIVERSITY OF PRINCE EDWARD ISLAND CHARLOTTETOWN PRINCE EDWARD ISLAND CANADA	.	.	F	.		.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
077 VANCOUVER LABORATORY FISHERIES RESEARCH BOARD OF CANADA 6640 N.W. MARINE DRIVE VANCOUVER 8, BRITISH COLUMBIA CANADA	.	M	.	.	30	.	.	.	.	.	.	.	X	X	X	X	X	.	.	.
118 CENTRO DE INVESTIGACIONES SUBMARINAS UNIVERSIDAD DEL NORTE CASILLA 117 COQUIMBO CHILE	.	M	.	.	40	.	.	.	.	.	.	X	X	.	.	X	.	.	X	.
117 DEPARTAMENTO DE BIOLOGIA MARINA Y OCEANOGRAFIA CENTRO DE INVESTIGACIONES DEL MAR UNIVERSIDAD CATOLICA DE VALPARAISO CASILLA 1020 VALPARAISO CHILE	.	M	.	.	40	.	X	.	.	.	.	X	.	.	.	.	X	.	X	.
120 DEPARTAMENTO DE BIOLOGIA MARINA Y OCEANOGRAFIA UNIVERSIDAD DE CONCEPCION CASILLA 1367 CONCEPCION CHILE	.	M	.	.	40	X	X	.	.	.	.	.	.	.	.	.	X	.	.	.

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115 DEPARTAMENTO DE TECNOLOGIA PESQUERA UNIVERSIDAD DEL NORTE SECCION OCEANOGRAFIA CASILLA 1280 ANTOFAGASTA CHILE	.	M	.	.	40	.	X	.	.	.	X	X	X	.	.	.	X	.	X	X
121 ESCUELA DE PESQUERIAS Y ALIMENTOS UNIVERSIDAD CATOLICA DE VALPARAISO CASILLA 4059 VALPARAISO CHILE	.	.	.	F		.	.	.	.	.	.	.	X	.	X	.	X	.	.	.
116 INSTITUTO HIDROGRAFICO DE LA ARMADA CASILLA 324 VALPARAISO CHILE	.	M	.	.	40	.	.	.	.	.	.	.	.	.	.	.	.	X	.	.
119 LABORATORIO DE ZOOLOGIA DEPARTAMENTO DE BIOLOGIA AMBIENTAL Y POBLACIONES I.C. BIOLOGICAS UNIVERSIDAD CATOLICA DE CHILE CASILLA 114-D SANTIAGO CHILE	.	.	.	.	40	.	X	X	.	.	.	.	.	.	X	.	.	.	X	.
122 MINISTERIO DE AGRICULTURA SERVICIO AGRICOLA Y GANADERO PROGRAMA NACIONAL DE ADMINISTRACION Y FOMENTO PESQUERO SANTIAGO CHILE	.	F	.	F		.	.	.	.	.	.	.	X	.	.	.	.	.	X	X
130 MUSEO DEL MAR CALLE 23 NO. 6-58 BOGOTA COLOMBIA	.	A	.	.	17 20 40	X	X	.	X	X	.	X	X	X	.	.	.	.	.	.

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	CONTAM: COMM. SP.	HALHYDCB	PETHYDCB	ORG CHEM	MET ALS	RAD. SUBST	BIOCOLLNTS	OTHERS
141	INSTITUTO DE OCEANOLOGIA AVE. IRA. NO. 18406 REPTO. FLORES HABANA CUBA	.	M	.	M	17	X	.	.	X	.	.	.	.	X	.	X	.	.	X	.
140	INSTITUTO NACIONAL DE LA PESCA CENTRO DE INVESTIGACIONES PESQUERAS CEDIT, PRIMERA NO. 2406 MIRAMAR, MARIANAO HABANA CUBA	.	M	M	M	10 17	X	X	X	.	.	X	X	X	X	X	X	X	X	.	.
150	GRONLANDS FISKERIUNDERSOGELSER JAEGERSBORG ALLE 1 B 2920 CHARLOTTENLUND DENMARK	.	M	M	.	10	.	X	.	.	X	X	X	.	.	.	.	X	.	.	.
151	MILJOSTYRELSEN KAMPMANNSGADE 1 DK-1604 KOBENHAVN V DENMARK	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
163	DEPARTMENT OF ZOOLOGY UNIVERSITY OF OULU KASARMINTIE 8 OULU 10 FINLAND	.	M	.	M		X	X	.	.	X	.	.	X	X	.	X	X	.	.	.
160	INSTITUTE OF MARINE RESEARCH P.O. BOX 166 SF 00141 HELSINKI 14 FINLAND	X	M	.	M		X	X	.	.	.	.	.	X	X	X	.	X	.	.	.
162	INSTITUTE OF RADIATION PHYSICS P.O. BOX 268 SF-00101 HELSINKI 10 FINLAND	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INTERFAUNA	COMMUNITY MICROFLORA	COMMUNITY MACROFLORA	COMMUNITY PELAGIC	COMMUNITY DEMERSAL	CONTAMINANTS COMM. SPP.	CONTAMINANTS CHLORHYDROCB	CONTAMINANTS PETHYDROCB	CONTAMINANTS ORGCHEM	CONTAMINANTS METALS	INANIMATE SUBSTRATES	BIOCIDAL COMPOUNDS	OTHERS
161 NATIONAL BOARD OF WATERS RESEARCH INSTITUTE WATER RESEARCH OFFICE P.O. BOX 250 00101 HELSINKI 10 FINLAND	.	A	.	A	13	X	.	.	.	.	.	.	X	X	.	X	X	.	.	.
164 STATE VETERINARY MEDICAL INSTITUTE HELSINKI FINLAND	.	A	.	.	13	.	.	.	.	X	.	.	X	X	.	.	X	.	.	.
173 C.E.R.B.O.M. PARC DE LA COTE 1, AVENUE JEAN LORRAIN 06300 NICE FRANCE	X	M	M	M		X	X	X	X	.	X	X	X	X	X	.	X	.	X	.
174 COLLEGE DE FRANCE LABORATOIRE DE BIOLOGIE MARINE B.P. 38 CONCARNEAU (FINISTERE) FRANCE	.	.	.	M	15	X	X	.	.	.	.	.	X	.	.	X	.	.	X	.
183 CTGREF - GROUPEMENT DE BORDEAUX B.P. 3 33610 CESTAS PRINCIPAL FRANCE	.	A	A	A	14 15	X	X	.	.	.	X	.	.	X	.	X	X	.	X	.
170 INSTITUT OCEANOGRAPHIQUE 195, RUE SAINT-JACQUES PARIS 5EME FRANCE	.	M	.	M	14	X	X	X	.	.	.	.	.	.	X	.	.	.	.	.
176 INSTITUT PASTEUR 20, BD. LOUIS XIV B.P. 2017 59012 LILLE CEDEX FRANCE	.	F	.	F		X	X	.	X	.	.	.	.	X	.	.	X	.	X	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MARINE MAMM.	PELAGIC	DEMERSAL	COMM. SP.	CONTAM: CHLOR. HYDCB	PET. HYDCB	ORG. CHEM	METALS	RADIOSUBST	BIOPOLLNTS	OTHERS
172 INSTITUT SCIENTIFIQUE ET TECHNIQUE DES PECHES MARITIMES B.P. 1049 44037 NANTES CEDEX FRANCE	.	M	M	M	10 12 16	X	.	.	.	X	X	X	X	X	X	.	X	.	X	X
185 LABORATOIRE DE L'I.S.T.P.M. 15, RUE ARISTIDE BRIAND 14530 LUC SUR MER FRANCE	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
184 LABORATOIRE DE L'I.S.T.P.M. 37, RUE DU MARECHAL LECLERC 17390 LA TREMBLADE FRANCE	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
186 LABORATOIRE DE L'I.S.T.P.M. 74, ALLEES DU MAIL 17000 LA ROCHELLE FRANCE	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
171 LABORATOIRE DE L'I.S.T.P.M. 1, RUE JEAN VILAR 34200 SETE FRANCE	.	M	M	M	16	.	.	.	.	.	.	.	X	.	.	.	.	.	X	.
177 MINISTERE DE L'AGRICULTURE 74 THONON LES BAINS FRANCE	.	F	.	.		.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
175 STATION OCEANOGRAPHIQUE CENTRE DE RECHERCHES ET D'ETUDES LE BOUT BLANC 17000 LA ROCHELLE FRANCE	.	M	.	M	15 16 14	.	X	.	.	.	.	.	.	.	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASS/TOX	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INT. FAUNA	COMMUNITY MICROORG.	COMMUNITY MARAMM	COMMUNITY PELAGIC	COMMUNITY DEMERSAL	CONTAM CCMM. SP.	CONTAM CHAL. HYDC B	CONTAM PET. HYDC B	CONTAM ORG. CHEM	CONTAM METALS	INRAD. SUBST	ANTBIOPCLNTS	OTHERS
201 ABTEILUNG CHEMISCHE OZEANOGRAPHIE INSTITUT FUR MEERESKUNDE AN DER UNIVERSITAT KIEL DUSTERNBROOKER WEG 20 23 KIEL GERMANY, FED. REP. OF	.	M	.	M	10 13 20	X	X	.	.	.	.	.	X	X	X	.	X	.	.	.
200 BIBLIOTHEK INSTITUT FUR MEERESKUNDE AN DER UNIVERSITAT KIEL DUSTERNBROOKER WEG 20 23 KIEL GERMANY, FED. REP. OF	.	.	.	M	12 13	X	X	.	X	X	.	.	X	X	X	X	X	X	X	.
212 INSTITUT FUR HYDROBIOLOGIE UND FISCHEREIWISSENSCHATT UNIVERSITAT HAMBURG OLBERSWEG 24 HAMBURG 50 GERMANY, FED. REP. OF	.	.	.	A		X	X	.	.	.	.	.	.	X	.	.	X	.	.	.
204 INSTITUT FUR KUSTEN UND BINNENFISCHEREI DER BUNDESFORSCHUNGSANSTALT FUR FISCHEREI PALMAILLE 9 2000 HAMBURG 50 GERMANY, FED. REP. OF	.	A	A	A	10 12 13 16 35	.	.	.	.	.	X	X	X	X	.	.	.	.	.	.
202 INSTITUT FUR MEERESFORSCHUNG AM HANDELSHAFEN 12 285BREMEHAVEN GERMANY, FED. REP. OF	.	M	M	M	10 12	X	X	.	X	.	.	.	.	X	.	.	X	.	X	.
203 KOHLENSTOFFBIOLOGISCHE FORSCHUNGSSTATION E.V. BUNSEN-KIRCHHOFF-STR. 13 46 DORTMUND GERMANY, FED. REP. OF	.	A	A	.		X	.	.	X	.	.	.	X	.	.	.	X	.	X	X

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INTAUNA	COMMUNITY: MICRO ORG.	COMMUNITY: MAMM	COMMUNITY: MAR. PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANT: COMM SP.	CONTAMINANT: HAL. HYDROCB	CONTAMINANT: PET. HYDROCB	CONTAMINANT: ORG. CHEM	CONTAMINANT: METALS	CONTAMINANT: RAD. SUBST	CONTAMINANT: BIOCPCL NTS	OTHERS
210 LANDESSTELLE FUR GEWASSERKUNDE UND WASSERWIRTSCHAFTLICHE PLANUNG BADEN-WURTTEMBERG HEBELSTR. 2 75 KARLSRUHE GERMANY, FED. REP. OF	.	.	F	F		X	X	.	.	.	.	.	.	X	.	.	X	X	X	.
211 STAATLICHES VETERINARAMT FISCHEREIHAFEN, HALLE X/1 285 BREMERHAVEN GERMANY, FED. REP. OF	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
220 INSTITUTE OF OCEANOGRAPHIC AND FISHING RESEARCH MINISTRY OF CULTURE AND SCIENCES AGIOS KOSMAS ELLINIKON ATHENS GREECE	.	A	.	A	16	X	X	.	.	.	X	.	.	.	X	X	X	X	.	.
230 AGRICULTURE AND FISHERIES DEPARTMENT CANTON ROAD GOVERNMENT OFFICES 393 CANTON ROAD, 12TH FLOOR KOWLOON HONG KONG	X	.	.	.		.	.	.	.	.	.	.	X	.	.	.	.	.	X	.
241 ICELANDIC FISHERIES LABORATORIES DEPARTMENT OF BACTERIOLOGY SKULAGATA 4 REYKJAVIK ICELAND	.	A	.	.		.	.	.	X	.	.	.	.	.	.	.	.	.	X	.
240 MARINE RESEARCH INSTITUTE SKULAGATA 4 REYKJAVIK ICELAND	.	A	.	.	10	X	.	.	.	X	.	.	.	X	.	.	X	.	X	.

INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BICASS/TCX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICRO ORG.	MAR. MAMM	PELAGIC	DEMERSAL	COMM. SP.	CONTAMINANT: HAL. HYDCB	PET. HYDCB	ORG. CHEM	METALS	RAD. SUBST	BIOC POLLNTS	OTHERS
248 DEPARTMENT OF MARINE SCIENCES UNIVERSITY OF COCHIN ERNAKULAM, COCHIN 16 INDIA	.	F	.	.		X	X	X	.	.	.	.	.	X	.	X	.	.	.	.
249 NATIONAL INSTITUTE OF OCEANOGRAPHY MIRAMAR LALIT NIWAS PANJIM (GOA) INDIA	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
250 LEMBAGA PENELITIAN LAUT. JL. AQUARIUM - PASAR IKAN JAKARTA BARAT P.O. BOX 580/DAK INDONESIA	.	M	.	.	35 36	X	X	.	X	.	X	.	X	.	.	.	.	.	.	.
251 MARINE FISHERIES RESEARCH INSTITUTE JL. KERAPU 12 JAKARTA-KOTA INDONESIA	.	M	.	M	36	.	.	.	.	.	X	X	X	.	X	.	X	.	.	X
260 IRANIAN DOCUMENTATION CENTRE INSTITUTE FOR RESEARCH AND PLANNING IN SCIENCE AND EDUCATION P.O. BOX 11-1387 TEHERAN IRAN	.	A	.	.	53 CS	X	X	X	X	X	.	.	X	X	X	X	X	.	X	.
270 DEPARTMENT OF AGRICULTURE AND FISHERIES FISHERIES DIVISION 3 CATHAL BRUGHA STREET DUBLIN 1 IRELAND	.	.	A	.	14 10	.	X	X	.	.	.	X	X	X	.	.	X	X	X	.
282 ENVIRONMENTAL HEALTH LABORATORY HEBREW UNIVERSITY MEDICAL SCHOOL JERUSALEM ISRAEL	.	A	.	A	51 16	X	X	.	X	.	.	.	.	.	.	.	.	.	X	.

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INTERFAUNA	MICROORG.	MARAMM	PELAGIC	DEMERSAL	COMM. SP.	CONTAMINANT: HALHYDCB	HPETHYDCB	ORGCHEM	METALS	INRADSUBST	BIOCPCLNTS	OTHERS
281	ISRAEL OCEANOGRAPHIC AND LIMNOLOGICAL RESEARCH LTD. 120 HAAZMAUT ROAD P.O. BOX 1793 HAIFA ISRAEL	.	A	A	A	16 51	X	.	.	.	.	.	.	.	X	X	.	X	.	.	.
280	WEIZMANN INSTITUTE OF SCIENCE REHOVOT ISRAEL	.	M	.	.	51	.	X	.	.	.	.	.	.	.	X	.	.	.	.	.
296	CONSIGLIO NAZIONALE DELLE RICHERCHE ISTITUTO DI BIOLOGIA DEL MARE RIVA 7 MARTIRI VENEZIA ITALY	.	A	.	.	16	X	X	.	X	.	.	.	.	.	X	X	X	.	X	X
291	ISTITUTO SPERIMENTALE TALASSOGRAFICO VIALE R. GESSI 2 34123 TRIESTE ITALY	.	A	A	A	16	.	.	.	.	.	.	.	.	X	.	X	X	.	.	.
297	ISTITUTO SUPERIORE DI SANITA MINISTERO DELLA SANITA VIALE REGINA ELENA 299 ROMA ITALY	.	M	M	.	16	.	X	.	.	.	.	.	.	X	.	.	X	.	.	X
292	LABORATORIO DI BIOLOGIA MARINA E PESCA VIALE ADRIATICO 54 61032 FANO ITALY	.	A	.	A	16	.	X	.	.	.	X	X	.	.	X	.	.	.	.	.
298	MEDITERRANEAN ASSOCIATION OF MARINE BIOLOGISTS AND OCEANOLOGISTS C.P. 383, 80100 NAPOLI ITALY	.	M	M	M	16	.	X	.	.	.	.	X	X	.	.	X	.	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	HALOHYDCB	PETHYDCB	ORG. CHEM.	METALS	RADIOSUBST	BIOPOLLNTS	OTHERS
290 STABILIMENTO ITTIOGENICO DI BRESCIA LARGO TORRELUNGA 7 25100 BRESCIA ITALY	.	.	.	F		X	.	.	.	.	.	.	X	.	.	.	.	.	.	.
300 CENTRE DE RECHERCHES OCEANOGRAPHIQUES B.P. V18 ABIDJAN IVORY COAST	.	M	.	M	21	.	.	.	X	.	.	.	.	.	X	.	.	.	.	.
315 DEPARTMENT OF CHEMISTRY KYOTO UNIVERSITY OF EDUCATION FUSHIMI-KU KYOTO 612 JAPAN	.	A	.	.		X	.	.	.	.	.	.	X	.	.	.	X	X	.	.
316 FACULTY OF MARINE SCIENCE AND TECHNOLOGY TOKAI UNIVERSITY 1000 ORIDO, SHIMIZU SHIZUOKA PREF. 424 JAPAN	.	A	.	.	33 30	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
312 HOKKAIDO REGIONAL FISHERIES RESEARCH LABORATORY YOICHI HOKKAIDO JAPAN	.	M	.	.	33	X	.	.	.	.	.	.	.	.	.	.	.	X	.	.
A10 JAPAN OCEANOGRAPHIC DATA CENTRE HYDROGRAPHIC DEPARTMENT MARITIME SAFETY AGENCY NO. 3-1, TSUKIJI 5-CHOME CHUO-KU, TOKYO 104 JAPAN	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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314 LIBRARY HOKKAIDO SALMON HATCHERY FISHERIES AGENCY NAKANOSHIMA, TOYOHIRA-KU SAPPORO, HOKKAIDO JAPAN	.	F	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
313 NANSEI REGIONAL FISHERIES RESEARCH LABORATORY (HIROSHIMA UNIT) 7782-9 MARUISHI, OHNO-CHO, SAIKI-GUN HIROSHIMA-KEN JAPAN	.	M	.	M	33	X	X	.	.	.	.	.	.	X	X	.	X	.	.	.
311 RESEARCH PLANNING AND COORDINATION DIVISION TOKAI REGIONAL FISHERIES RESEARCH LABORATORY KACHIDOKI 5-5-1 CHUO-KU TOKYO JAPAN	.	M	.	M	30 33	X	X	.	.	.	X	X	X	X	.	X	X	X	.	.
A05 SETO MARINE BIOLOGICAL LABORATORY SIRAHAMA, WAKAYAMA-KEN 649-22 JAPAN	.	.	.	A	30	.	X	.	.	.	.	.	.	.	.	.	.	.	.	X
310 THE WHALES RESEARCH INSTITUTE 1-3-1 ETCHUJIMA CHUO-KU TOKYO JAPAN	.	M	.	.		.	.	.	.	X	.	.	.	.	.	.	X	.	.	.
331 FISHERIES RESEARCH AND DEVELOPMENT AGENCY 16 - 2 KA, NAMHANG-DONG PUSAN KOREA, REPUBLIC OF	.	A	A	A	30	X	.	.	X	.	.	X	.	X	.	X	.	.	X	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAMM.	COMMUNITY: PELAGIC	DEMERSAL	CONTAMINANTS: COMM. SP.	CONTAMINANTS: HAL. HYDC	CONTAMINANTS: PET. HYDC	CONTAMINANTS: ORG. CHEM	CONTAMINANTS: MET.	CONTAMINANTS: RAD. SUBST	CONTAMINANTS: BIOPCL NT	OTHERS
330 NATIONAL FISHERIES RESEARCH AND DEVELOPMENT AGENCY YONGDO-KU PUSAN KOREA, REPUBLIC OF	.	M	.	M	33 34	.	.	X	.	.	X	X	.	.	.	.	X	.	X	.
340 KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH P.O. BOX 12009 KUWAIT KUWAIT	.	.	M	.	53	X	X	X	X	.	X	X	X	X	X	.	X	X	X	X
345 SCHOOL OF BIOLOGICAL SCIENCES UNIVERSITY OF MALAYSIA KUALA LUMPUR MALAYSIA	.	A	.	.	35	X	.	X	X	.	.	.	X	X	.	.	X	.	X	.
350 DEPARTMENT OF PHYSIOLOGY, BIOCHEMISTRY AND BIOLOGY THE ROYAL UNIVERSITY OF MALTA MSIDA MALTA	.	M	.	M	16	.	.	.	X	.	.	.	X	X	.	.	X	.	.	.
362 BIBLIOTECA INSTITUTO NACIONAL DE PESCA AV. CUAUHTEMOC NO. 80 MEXICO 7, D.F. MEXICO	.	A	.	A	17 38 30	X	.	X	.	X	X	X	X	.	.	X	.	.	X	.
360 DEPARTAMENTO DE CIENCIAS MARINAS ESCUELA DE CIENCIAS MARITIMAS Y TECNOLOGIA DE ALIMENTOS TECNOLOGICO DE MONTERREY BAHIA DE BACOCHIBAMPO APARTADO POSTAL 484 GUAYMAS SONORO MEXICO	.	M	.	M	38	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.

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361 INSTITUTO DE GEOFISICA TORRE DE CIENCIAS CIUDAD UNIVERSITARIA MEXICO 20, D.F. MEXICO	.	A	.	.		X	X	X	.	.	.	.	X	.	X	.	X	.	.	.
363 INSTITUTO DE OCEANOLOGIA APARTADO POSTAL 453 ENSENADA B.C. MEXICO	.	A	A	A	30 38	X	X	.	.	.	X	X	X	X	X	.	X	.	X	.
370 INSTITUT DES PECHES MARITIMES RUE DE TIZNIT CASABLANCA MOROCCO	.	M	M	.		.	.	.	.	.	.	.	X	.	.	.	.	.	X	.
371 OFFICE NATIONAL DES PECHES 13-15, RUE CHEVALIER BAYARD CASABLANCA MOROCCO	.	.	M	M		.	.	.	.	.	.	.	.	X	.	X	X	.	X	.
380 UNIVERSIDADE DE LOURENCO MARQUES INSTITUTO DE QUIMICA LOURENCO MARQUES MOZAMBIQUE	.	M	.	.	64	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
391 DEPARTMENT OF TOXICOLOGY AGRICULTURAL UNIVERSITY DE DREIJEN 11 WAGENINGEN NETHERLANDS	.	A	.	A	12	.	.	.	.	X	X	.	.	X	.	.	X	.	.	.
390 NETHERLANDS INSTITUTE FOR FISHERY INVESTIGATION P.O. BOX 68 IJMUIDEN NETHERLANDS	.	A	A	A	12	.	.	.	.	.	.	.	X	X	.	.	X	X	X	X

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392 RIJKSINSTITUUT VOOR ZUIVERING VAN AFVALWATER WESTEINDE 3A VOORBURG NETHERLANDS	.	A	.	A	12	X	X	.	.	.	.	.	.	X	.	.	X	.	.	.
407 FISHERIES RESEARCH DIVISION P.O.BOX 19062 WELLINGTON NEW ZEALAND	.	A	A	.	40	.	X	X	.	.	X	X	X	X	.	.	X	.	.	.
401 ZOOLOGY DEPARTMENT UNIVERSITY OF OTAGO DUNEDIN NEW ZEALAND	.	F	.	.		.	X	.	.	.	X	.	X	.	.	.	X	.	.	.
402 ZOOLOGY DEPARTMENT UNIVERSITY OF CANTERBURY PRIVATE BAG CHRISTCHURCH 1 NEW ZEALAND	.	A	.	A	40 80	.	X	.	.	.	.	.	.	X	.	.	X	.	.	.
415 DIRECTORATE OF FISHERIES RAADSTUPLASS 10 55000 BERGEN NORWAY	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
411 INSTITUTE OF MARINE RESEARCH P.O. BOX 2906 5011 BERGEN-NORDNES NORWAY	.	M	M	M	11 12 71	X	.	.	.	.	X	X	.	X	X	X	X	.	.	X
410 NORSK INSTITUTT FOR TANG OG TAREFORSKNING N.T.H. TRONDHEIM NORWAY	.	M	.	M	11	X	X	.	.	.	.	.	.	.	.	.	X	.	.	.
404 NORWEGIAN INSTITUTE FOR WATER RESEARCH BOHS 260 BLINDERN, OSLO 3 NORWAY	.	.	.	A		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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422 EMPRESA PUBLICA DE CERTIFICACIONES PESQUERAS DEL PERU (CERPER) MINISTERO DE PESQUERIA AVENIDA SANTA ROSA 601 CALLAO 4 PERU	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
421 INSTITUTO DEL MAR DEL PERU (IMARPE) CALLAO 5 PERU	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
420 MINISTERIO DE PESQUERIA DIRECCION GENERAL DE INVESTIGACION CIENTIFICA Y TECNOLOGICA LIMA PERU	.	A	.	A	40	.	.	.	.	.	X	X	X	X	.	.	X	.	X	X
431 DEPARTMENT OF ZOOLOGY COLLEGE OF ARTS AND SCIENCES UNIVERSITY OF THE PHILIPPINES DILIMAN, QUEZON CITY D505 PHILIPPINES	.	A	.	.	35	.	.	.	.	.	.	.	X	.	.	.	.	.	X	.
430 NATIONAL POLLUTION CONTROL COMMISSION NSDB COMPOUND HERRAN COR. TAFT AVENUE MANILA PHILIPPINES	.	A	A	A	30 35	X	.	.	.	.	X	.	X	X	X	.	X	.	.	.
432 NATIONAL SCIENCE DEVELOPMENT BOARD GENERAL SANTOS AVENUE, BICUTAN TAGUIG, RIZAL PHILIPPINES	.	A	A	A	30 35	.	.	.	.	.	X	X	X	.	.	.	X	.	.	.
433 PHILIPPINE ATOMIC ENERGY COMMISSION COMMONWEALTH AVE. DILIMAN, QUEZON CITY PHILIPPINES	.	A	.	.	30 35	.	.	.	.	.	.	.	X	X	.	.	X	X	.	X

INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASS/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICRO ORG.	MAR. MAMM	PELAGIC	DEMERSAL	COMM. SP.	CONTAMINANT: CHAL. HYDCB	PET. HYDCB	ORG. CHEM	METALS	RAD. SUBST	EICPCLLNTS	OTHERS
440 SEA FISHERIES INSTITUTE OCEANOGRAPHIC DEPARTMENT AL. ZJEDNOCZENIA 1 81-345 GDYNIA POLAND	.	A	A	A	10 12 13	X	X	.	X	.	X	X	X	X	X	.	X	X	X	X
450 MINISTERO DO ULTRAMAR JUNTA DE INVESTIGACOES DO ULTRAMAR AV. DA ILHA DA MADEIRA-EMCOSTA DO RESTELO LISBON 3 PORTUGAL	.	M	M	M	20 64	X	.	.	.	.	X	X	X	.	.	.	.	.	X	.
437 DEPARTMENT OF MARINE SCIENCES UNIVERSITY OF PUERTO RICO MAYAGUEZ 00708 PUERTO RICO	.	A	.	.	17	X	.	.	.	.	.	.	X	X	.	.	X	.	.	.
460 INSTITUT ROUMAIN DE RECHERCHES MARINES LABORATOIRE DE POLLUTION BOUL. LENIN 300 CONSTANTZA ROMANIA	.	M	.	M	16	X	X	.	X	.	X	.	.	.	X	.	X	X	X	.
465 MARINE FISHERIES RESEARCH DEPARTMENT SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTRE CHANGI POINT, SINGAPORE 17 SINGAPORE	.	M	.	M	35	X	.	.	.	.	.	X	X	.	.	.	X	.	X	.
466 MINISTRY OF FOREIGN AFFAIRS SINGAPORE SINGAPORE	.	M	M	M	35	.	.	.	.	.	.	.	X	.	.	.	X	.	X	X
471 NATIONAL INSTITUTE FOR WATER RESEARCH COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH NATAL REGIONAL LABORATORY P.O. BOX 1 CONGELLA, NATAL SOUTH AFRICA	.	A	A	A	60	X	X	X	X	.	.	.	.	X	X	.	X	.	X	.

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MARINE MAMM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	HALHYDCB	PETHYDCB	ORGCHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
470	SEA FISHERIES PRIVATE BAG SEA POINT CAPE TOWN SOUTH AFRICA	.	M	M	.	22 60	X	X	X	.	X	X	X	.	X	.	X	X	X	.	.
482	INSTITUTO DE INVESTIGACIONES PESQUERAS CADIZ SPAIN	.	M	.	.	10	.	.	X	.	.	X	X	X	.	X	.	X	.	.	X
480	INSTITUTO DE INVESTIGACIONES PESQUERAS PASEO NACIONAL, S/N BARCELONA SPAIN	.	M	.	.	10 16	X	X	.	X	.	X	X	X	X	X	.	X	.	X	.
485	INSTITUTO DE INVESTIGACIONES PESQUERAS AVD. ORILLAMAR NO. 47 VIGO (PONTEVEDRA) SPAIN	X	A	.	A		.	X	.	.	.	X	.	X	X	.	.	.	.	.	.
483	INSTITUTO ESPANOL DE OCEANOGRAFIA LABORATORIO DEL MAR MENOR APARTADO DE CORREOS - 22 SAN PEDRO DEL PINATAR (MURCIA) SPAIN	.	M	M	M	10 16	X	X	.	.	.	.	.	X	X	X	.	X	.	X	.
481	INSTITUTO ESPANOL DE OCEANOGRAFIA LABORATORIO COSTERO FELIPE SANCHEZ 18 VIGO SPAIN	.	M	M	.	10	.	X	.	.	.	X	.	.	X	X	.	X	.	X	X
487	JUNTA DE ENERGIA NUCLEAR CIUDAD UNIVERSITARIA AVENIDA COMPLUTENSE 22 MADRID 3 SPAIN	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INTAUNA	COMMUNITY MICROORGANISMS	COMMUNITY MARAMM	COMMUNITY PELAGIC	DEMERSAL	COMMSP	CHALBCB	PETHYDCB	ORGCHEM	MEIAL	RADSUBST	BIOPOLLNTS	OTHERS
484	LABORATORIO OCEANOGRAFICO C/LEALTAD 13-5 SANTANDER SPAIN	.	.	M	.	15	.	.	.	X	.	.	.	X	.	X	.	X	.	X	.
498	BIBLIOTEKET STATENS VATTENFALLSVERK 16287 VALLINGBY SWEDEN	.	.	A	.	13	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
497	INSTITUTE OF ZOOLOGY BOX 561 S-75122 UPPSALA SWEDEN	.	M	M	.	12 13	.	X	.	.	.	.	.	.	.	.	.	X	X	.	.
495	INSTITUTET FOR VATTEN-OCH LUFTVARDSFORSKNING 403 10 GOTEBORG SWEDEN	.	M	.	M	12	.	X	.	.	.	.	.	.	X	.	.	X	.	.	.
496	NATIONAL BOARD OF FISHERIES INSTITUTE OF MARINE RESEARCH S 45300 LYSEKIL SWEDEN	.	M	.	.	12 13	X	X	.	.	X	X	X	X	X	X	.	X	.	.	.
505	UNIVERSITAT BERN GEOLOGISCHES INSTITUT SAHLISTRASSE 6 3012 BERN SWITZERLAND	.	A	.	A	30 40	X	.	.	X	.	X	.	.	.	.	.	.	.	X	.
510	VETERINARY AND ANIMAL HUSBANDRY RESEARCH DIVISION THE SCIENTIFIC AND TECHNICAL RESEARCH COUNCIL OF TURKEY ATATURK BULVARI 225 ANKARA TURKEY	.	M	.	M	16	.	.	.	.	X	.	.	X	X	.	.	.	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	HALHYDCB	PETHYDCB	ORGCHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
515 EAST AFRICAN FRESHWATER FISHERIES RESEARCH ORGANISATIO P.O. BOX 343, JINJA UGANDA	.	F	.	F		X	X	.	.	.	X	.	X	X	.	.	.	.	.	.
542 ANIMAL ECOLOGY RESEARCH GROUP DEPARTMENT OF ZOOLOGY SOUTH PARKS ROAD OXFORD UNITED KINGDOM	.	F	.	.		X	.	.	X	.	.	.	.	X	.	.	.	.	.	.
530 APPLIED GEOCHEMISTRY RESEARCH GROUP DEPARTMENT OF GEOLOGY IMPERIAL COLLEGE PRINCE CONSORT ROAD LONDON, S.W.7 UNITED KINGDOM	.	M	.	M		.	X	.	.	.	.	.	X	.	.	.	X	.	.	.
540 BIOLOGICAL SCIENCES THE UNIVERSITY DUNDEE DD1 4HN UNITED KINGDOM	.	A	.	A	12	.	X	.	X	.	.	.	X	.	.	.	X	.	X	.
525 BRITISH ANTARCTIC SURVEY NATURAL ENVIRONMENT RESEARCH COUNCIL 30 GILLINGHAM STREET LONDON, SW1V 1HY UNITED KINGDOM	.	M	.	.	80	X	.	.	.	X	.	X	.	X	.	.	X	.	.	.
539 DEPARTMENT OF AGRICULTURE AND FISHERIES FOR SCOTLAND MARINE LABORATORY P.O. BOX 101, VICTORIA ROAD ABERDEEN, AB9 8DB UNITED KINGDOM	.	M	M	M	12 10	.	.	.	.	.	.	.	.	X	X	X	X	.	X	X
548 DEPARTMENT OF BIOLOGICAL SCIENCES HATFIELD POLYTECHNIC HATFIELD, HERTFORDSHIRE UNITED KINGDOM	.	A	.	A		X	.	.	.	.	.	.	X	X	.	.	.	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: INT. ECOLOGY	COMMUNITY: MAR. MAMM.	COMMUNITY: PELAGIC	DEMERSAL	CONTAMINANTS: COMM. SP.	CONTAMINANTS: HALHYDCB	CONTAMINANTS: PETHYDCB	CONTAMINANTS: ORG. CHEM	CONTAMINANTS: METALS	INANIMATE: RADIOSUBST	ANIMATE: BIOPOLLNTS	OTHERS
541 DEPARTMENT OF BIOLOGY THE UNIVERSITY STIRLING UNITED KINGDOM	.	M	.	M	12	.	X	.	.	.	.	.	.	.	.	.	X	.	.	.
532 DEPARTMENT OF ZOOLOGY UNIVERSITY OF NEWCASTLE UPON TYNE NEWCASTLE UPON TYNE, NE1 7RU UNITED KINGDOM	.	M	.	M	12	.	X	X	X	.	.	.	.	.	X	.	X	.	.	.
538 FORTH POLLUTION RESEARCH DEPARTMENT OF BIOLOGICAL SCIENCE NAPIER COLLEGE OF SCIENCE AND TECHNOLOGY COLINTON ROAD EDINBURGH EH10 5DT UNITED KINGDOM	.	M	M	M	12	.	X	.	.	.	.	.	.	.	.	.	X	.	X	.
549 FRESHWATER FISHERIES LABORATORY PITLOCHRY PH16 5LB UNITED KINGDOM	.	A	A	.	22 10 12 13 70 40	X	X	X	.	X	X	X	X	X	X	.	X	X	X	X
533 GEOLOGY DEPARTMENT UNIVERSITY COLLEGE OF WALES ABERYSTWYTH, CARDS. UNITED KINGDOM	.	M	.	M	14	.	.	.	.	.	.	.	.	.	.	.	X	.	.	.
535 IMPERIAL CHEMICAL INDUSTRIES LTD. BRIXHAM LABORATORY FRESHWATER QUARRY BRIXHAM, DEVON UNITED KINGDOM	.	M	M	M	12 14	.	X	.	.	.	X	X	.	X	.	.	X	.	.	.
523 INSTITUTE FOR MARINE ENVIRONMENTAL RESEARCH NATURAL ENVIRONMENT RESEARCH COUNCIL OCEANOGRAPHIC LABORATORY 78 CRAIGHALL ROAD EDINBURGH, EH6 4RQ	.	M	M	.	10	X	.	.	.	.	.	.	.	X	.	.	X	.	.	.

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAR. MAM.	COMMUNITY: PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	CONTAMINANT: HAL. HYDCB	CONTAMINANT: PET. HYDCB	CONTAMINANT: ORG. CHEM	CONTAMINANT: METALS	CONTAMINANT: RAD. SUBST.	CONTAMINANT: BIOCOLL STS	CONTAMINANT: OTHERS
522	INSTITUTE FOR MARINE ENVIRONMENTAL RESEARCH NATURAL ENVIRONMENT RESEARCH COUNCIL 13/14 ST. JAMES' TERRACE CITADEL ROAD PLYMOUTH PL1 3AX UNITED KINGDOM	.	M	.	M	14 10	X	X	.	.	X	.	.	.	X	.	.	X	.	.	.
A03	INSTITUTE OF MARINE BIOCHEMISTRY NATURAL ENVIRONMENT RESEARCH COUNCIL ST. FITTICKS ROAD ABERDEEN AB13RA SCOTLAND UNITED KINGDOM	.	.	.	M	12	X	.	X	.	.	X	X	.	.	.	.	X	.	X	.
520	INSTITUTE OF OCEANOGRAPHIC SCIENCES NATURAL ENVIRONMENT RESEARCH COUNCIL WORMLEY GODALMING, SURREY UNITED KINGDOM	.	M	.	.	10	X	.	.	.	.	X	.	.	.	.	X	X	.	.	.
536	LANCASHIRE AND WESTERN SEA FISHERIES JOINT COMMITTEE BIOLOGICAL SCIENCES FIELD STATION THE UNIVERSITY OF LANCASTER BAILRIGG, LANCASTER UNITED KINGDOM	.	M	M	.	14	.	X	.	.	.	.	.	X	.	.	.	X	.	X	.
521	LIBRARY INSTITUTE OF OCEANOGRAPHIC SCIENCES NATURAL ENVIRONMENT RESEARCH COUNCIL BEADON ROAD TAUNTON UNITED KINGDOM	.	.	M	.	14	X	X	X	X	.	.	.	.	.	.	.	X	.	.	.
534	MARINE BIOLOGICAL STATION PORT ERIN ISLE OF MAN UNITED KINGDOM	.	M	.	M	14	.	X	.	.	.	.	.	.	.	.	.	X	.	.	.

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	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAMM.	COMMUNITY: PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANT: COMM. SP.	CONTAMINANT: HALOHYDROCB	CONTAMINANT: PETHYDROCB	CONTAMINANT: ORG. CHEM	CONTAMINANT: METALS	CONTAMINANT: RADIOSUBST	CONTAMINANT: BIOPOLLNTS	CONTAMINANT: OTHERS
INSTITUTIONS																				
A07 MARINE BIOLOGY STATION THE STRAND, PORTAFERRY BT22 1PF NORTHERN IRELAND UNITED KINGDOM	.	.	.	A	14	.	.	X	.	.	.	.	.	.	.	X	X	.	.	.
545 MINISTRY OF AGRICULTURE, FISHERIES AND FOOD FISHERIES LABORATORY LOWESTOFT, SUFFOLK UNITED KINGDOM	.	A	A	A	12 14 10	X	X	.	.	.	X	X	X	X	X	X	X	X	X	X
547 ORGANIC GEOCHEMISTRY UNIT UNIVERSITY OF NEWCASTLE UPON TYNE NEWCASTLE UPON TYNE, NE1 7RU UNITED KINGDOM	.	A	.	.	10 12	.	X	.	X	.	.	.	.	.	X	X	X	.	.	.
544 PESTICIDE ANALYSIS SECTION TROPICAL PRODUCTS INSTITUTE 56/62 GRAY'S INN ROAD LONDON, WC1X 8LU UNITED KINGDOM	.	A	A	A	40	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
546 SCHOOL OF CHEMISTRY THE UNIVERSITY BRISTOL BS UNITED KINGDOM	.	A	.	.	14	.	X	X	X	X	.	.	.	X	X	X	X	.	.	.
531 THE DEPARTMENT OF OCEANOGRAPHY THE UNIVERSITY SOUTHAMPTON SO9 5NH UNITED KINGDOM	.	M	.	M	14 10	X	X	X	.	.	X	.	.	.	.	.	X	.	.	.
524 THE LABORATORY MARINE BIOLOGICAL ASSOCIATION OF THE U.K. NATURAL ENVIRONMENT RESEARCH COUNCIL CITADEL HILL PLYMOUTH, PL1 2PB UNITED KINGDOM	.	M	M	M	14	.	X	X	.	.	.	.	X	.	X	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INTFAUNA	MICROORG	MARAMM	PELAGIC	DEMERSAL	CONTAMINANT: COMM	CHLHYDCB	PETHYDCB	ORGCHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
543 THE NATURE CONSERVANCY MONKS WOOD EXPERIMENTAL STATION TOXIC CHEMICALS AND WILDLIFE DIVISION ABBOTS RIPTON HUNTINGDON UNITED KINGDOM	.	F	F	F		X	X	.	.	.	.	.	.	X	.	.	X	.	.	.
528 UNIVERSITY OF LIVERPOOL DEPARTMENT OF OCEANOGRAPHY LIVERPOOL UNITED KINGDOM	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
527 UNIVERSITY OF LONDON WESTFIELD COLLEGE DEPARTMENT OF ZOOLOGY KIDDERMORE AVENUE LONDON N.W. 3 UNITED KINGDOM	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
554 WATER POLLUTION RESEARCH LABORATORY ELDER WAY STEVENAGE UNITED KINGDOM	.	.	.	F		.	.	.	.	.	X	.	X	.	.	.	X	.	.	.
526 WELLCOME MARINE LABORATORY UNIVERSITY OF LEEDS ROBIN HOOD'S BAY, YORKSHIRE UNITED KINGDOM	.	.	.	M	12	.	X	X	X	.	.	.	.	.	.	.	X	.	.	.
625 ALLAN HANCOCK FOUNDATION UNIVERSITY OF SOUTHERN CALIFORNIA LOS ANGELES, CALIFORNIA 90007 UNITED STATES	.	M	.	M	30	X	X	.	X	.	.	.	.	.	X	.	X	.	X	X
680 AQUATIC BIOLOGY SECTION ILLINOIS NATURAL HISTORY SURVEY URBANA, ILLINOIS 61801 UNITED STATES	.	F	F	.		X	X	.	X	.	.	.	X	.	.	.	.	.	.	.

	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAMM.	PELAGIC	DEMERSAL	CONTAM. SP.	CHLOR. HYDR. CB	PET. HYDR. CB	ORG. CHEM	AMINANTS: METALS	RADIOISOT	BIOPOLLNTS	OTHERS
640	AQUATIC ECOLOGY LABORATORY DEPARTMENT OF FORESTRY AND CONSERVATION PURDUE UNIVERSITY LAFAYETTE, INDIANA 47907 UNITED STATES	.	F	.	.		.	.	.	.	.	X	.	X	X	X	.	X	.	.	.
660	AQUATIC RESEARCH INSTITUTE 21393 CURTIS STREET HAYWARD, CALIFORNIA 94545 UNITED STATES	.	A	.	.		.	.	.	.	.	.	.	X	.	.	.	.	.	.	.
620	ATLANTIC ESTUARINE FISHERIES CENTER NOAA-NMFS PIVERS ISLAND P.O. BOX 750 BEAUFORT, NORTH CAROLINA 28516 UNITED STATES	.	M	.	M	10	X	X	X	.	.	X	X	X	X	.	.	X	X	.	.
635	AUKE BAY FISHERIES LABORATORY NATIONAL MARINE FISHERIES SERVICE, NOAA AUKE BAY, ALASKA 99821 UNITED STATES	.	M	A	M	30 74	X	X	X	.	.	.	.	X	X	X	.	.	.	X	.
600	BIOLOGICAL OCEANOGRAPHY LAMONT-DOHERTY GEOLOGICAL OBSERVATORY COLUMBIA UNIVERSITY PALISADES, NEW YORK 10964 UNITED STATES	.	M	M	.	10 17 30	X	X	.	.	.	X	X	X	.	.	.	X	.	X	.
627	BUREAU OF MARINE SCIENCES CALIFORNIA STATE UNIVERSITY AT SAN DIEGO 5402 COLLEGE AVENUE SAN DIEGO, CALIFORNIA 92115 UNITED STATES	.	M	.	M	38	.	X	.	.	.	.	.	X	X	.	.	X	X	X	X
613	CHESAPEAKE BIOLOGICAL LABORATORY SOLOMONS, MARYLAND 20688 UNITED STATES	.	M	M	M	10	.	.	.	.	.	X	X	X	X	.	.	X	.	.	X

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684 COASTAL FISHERIES TEXAS PARKS & WILDLIFE DEPARTMENT JOHN H. REAGAN BLDG. AUSTIN, TEXAS 78710 UNITED STATES	.	.	M	.	17	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
648 COASTAL ZONE AND ESTUARINE STUDIES DIVISION NORTHWEST FISHERIES CENTER NOAA-NMFS 2725 MONTLAKE BOULEVARD EAST SEATTLE, WASHINGTON 98112 UNITED STATES	.	F	F	F		.	.	.	.	.	.	.	X	.	.	.	X	.	.	X
602 COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF NATURAL RESOURCES DIVISION OF MARINE FISHERIES CAT COVE MARINE LABORATORY 92 FORT AVENUE SALEM MASSACHUSETTS 01970 UNITED STATES	.	M	.	M	10	X	X	.	X	.	.	.	X	X	X	.	X	.	X	.
689 DEPARTMENT OF CHEMISTRY BOWDOIN COLLEGE BRUNSWICK, MAINE UNITED STATES	.	M	.	.	10	.	.	.	.	.	.	.	X	.	X	.	.	.	.	.
603 DEPARTMENT OF EARTH SCIENCES NORTHEASTERN UNIVERSITY BOSTON, MASSACHUSETTS 02115 UNITED STATES	.	M	M	M	10	X	X	X	.	.	X	X	.	X	.	.	X	X	X	.
633 DEPARTMENT OF FISHERIES STATE OF WASHINGTON OLYMPIA, WASHINGTON 98504 UNITED STATES	.	M	.	M	30	.	.	.	.	.	.	.	X	X	.	.	.	.	X	.

INSTITUTIONS	INSPECTOR	RESEARCH	MONITORNG	BIOASS/TOX	AREA	PLANKTON (COMMUNITY)	BENTHOS (COMMUNITY)	INT. FAUNA (COMMUNITY)	MICROORG. (COMMUNITY)	MAR. MAMM (COMMUNITY)	PELAGIC (COMMUNITY)	DEMERSAL (COMMUNITY)	COMM. SP. (COMMUNITY)	HAL. HYDCB (CONTAMINANT)	PET. HYDCB (CONTAMINANT)	ORG. CHEM (CONTAMINANT)	METALS (CONTAMINANT)	RAD. SUBST (CONTAMINANT)	BICPOLLNTS (CONTAMINANT)	OTHERS (CONTAMINANT)
655 DEPARTMENT OF FISHERIES AND ALLIED AQUACULTURES AUBURN UNIVERSITY AUBURN, ALABAMA 36830 UNITED STATES	.	A	.	A	17	X	X	.	.	.	.	.	X	X	.	.	X	.	X	.
654 DEPARTMENT OF OCEANOGRAPHY FLORIDA STATE UNIVERSITY TALLAHASSEE, FLORIDA 32306 UNITED STATES	.	A	.	A	17	X	X	.	.	.	X	X	X	X	.	.	X	.	.	.
686 DEPARTMENT OF PLANT PATHOLOGY & ENTOMOLOGY UNIVERSITY OF RHODE ISLAND KINGSTON, R.I. 62881 UNITED STATES	.	M	.	.	10	.	.	.	X	.	.	.	.	X	X	.	.	.	.	.
606 DEPARTMENT OF SEA AND SHORE FISHERIES STATE HOUSE ANNEX - CAPITOL SHOPPING CENTER AUGUSTA, MAINE 04330 UNITED STATES	.	M	M	M	10	.	X	.	.	.	.	.	X	X	X	.	X	.	X	.
647 DEPARTMENT OF ZOOLOGY BRIGHAM YOUNG UNIVERSITY PROVO, UTAH UNITED STATES	.	F	.	F		X	X	X	.	.	.	.	X	X	.	X	X	.	X	X
A01 E-CUBED SCIENCE SERVICES P.O BOX 11125 MOILIILI HONOLULU HI 96814 UNITED STATES	.	A	.	A	40	.	X	.	.	.	.	.	.	X	.	.	X	.	.	.
A06 ENTOMOLOGY LABORATORY UNIVERSITY OF MINNESOTA DEPARTMENT OF ENTOMOLOGY, FISHERIES & WILDLIFE ST. PAUL, MINNESOTA 55101 UNITED STATES	.	.	.	F		.	X	.	.	.	.	.	.	X	.	.	.	.	.	X

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INTA. FAUNA	COMMUNITY: MICRO ORGAM.	COMMUNITY: MAR. PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANT: COMM. SPP.	CONTAMINANT: HAL. HYDROCB	CONTAMINANT: PET. HYDROCB	CONTAMINANT: ORG. CHEM	CONTAMINANT: METALS	CONTAMINANT: RAD. SUBST	CONTAMINANT: BIOCPL SNTS	OTHERS
612 ENVIRONMENTAL PROTECTION AGENCY EDISON WATER QUALITY RESEARCH EDISON, NEW JERSEY 08817 UNITED STATES	.	M	.	M	10	X	X	.	X	.	.	.	X	.	X	.	.	.	.	.
685 ENVIRONMENTAL SYSTEMS ANALYSIS UNIT WATER QUALITY SURVEYS SERVICE ENVIRONMENTAL PROTECTION DIVISION DEPARTMENT OF NATURAL RESOURCES 47 TRINITY AVENUE, S.W. ATLANTA, GEORGIA 30334 UNITED STATES	.	.	F	.		.	X	.	.	.	.	.	X	.	.	.	X	.	.	.
646 FISH-PESTICIDE RESEARCH LABORATORY BUREAU OF SPORT FISHERIES AND WILDLIFE COLUMBIA, MISSOURI 65201 UNITED STATES	.	F	.	F	GL	.	.	.	.	.	.	.	X	X	.	.	.	.	.	X
645 FISHERIES RESEARCH LABORATORY SOUTHERN ILLINOIS UNIVERSITY CARBONDALE, ILLINOIS 62901 UNITED STATES	.	F	.	F		.	.	.	.	.	.	.	X	X	.	.	X	.	.	X
659 FORESTA INSTITUTE 6205 FRANKTOWN ROAD CARSON CITY, NEVADA 89701 UNITED STATES	.	A	.	A	80	X	X	.	.	X	.	.	X	X	X	.	X	X	.	.
649 GEOLOGY DEPARTMENT BROOKLYN COLLEGE CORNELL UNIVERSITY BROOKLYN, NEW YORK 11210 UNITED STATES	.	A	A	A	10	X	X	.	.	.	X	X	X	.	.	.	X	.	.	.

	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	COMMUNITY: AREA	PLANKTON	BENTHOS	INTERFAUNA	MICROORG.	MAMM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	HALOCB	PETHYDCB	ORGCHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
650	GRADUATE DEPARTMENT OF MARINE SCIENCE LONG ISLAND UNIVERSITY C.W. POST COLLEGE P.O. GREENVALE, N.Y. 11548 UNITED STATES	.	A	A	A	10	X	X	.	X	.	X	X	.	X	X	.	X	.	X	.
687	GRADUATE SCHOOL OF OCEANOGRAPHY UNIVERSITY OF RHODE ISLAND KINGSTON, R.I. 02881 UNITED STATES	.	M	.	M	10	X	X	.	.	X	.	.	X	.	X	X	X	.	.	.
656	GULF COAST RESEARCH LABORATORY P.O. BOX AG OCEAN SPRINGS, MISSOURI 39564 UNITED STATES	.	A	.	A	17	X	.	.	.	X	.	.	.	.	X	X	X	.	.	.
624	GULF COASTAL FISHERIES CENTER NOAA-NMFS 4700 AVENUE U GALVESTON, TEXAS 77550 UNITED STATES	.	M	.	.	17	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
681	HONOLULU LABORATORY NOAA-NMFS SOUTHWEST FISHERIES CENTER P.O. BOX 3830 HONOLULU, HAWAII 96812 UNITED STATES	.	.	M	.	10	.	.	.	.	.	X	.	X	.	.	.	X	.	.	.
A02	ICHTHYOLOGICAL ASSOCIATES, INC. 100 S. CASS STREET MIDDLETOWN, DE 19709 UNITED STATES	.	.	.	A	10	X	X	.	.	.	X	X	X	.	X	X	X	.	.	.
634	INSTITUTE OF ARCTIC BIOLOGY NOAA-NMFS FAIRBANKS, ALASKA 99201 UNITED STATES	.	M	.	M	70 31 39	.	.	.	.	X	.	.	.	X	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INT. FAUNA	MICROORG.	MAR. MAM.	PELAGIC	DEMERSAL	CONTAMINANT: COMM. SP.	HAL. HYDROCB	PET. HYDROCB	ORG. CHEM	MET. ALS	RAD. SUBST	BIOPOLLUTANTS	OTHERS
639 INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES UNIVERSITY OF FLORIDA GAINSVILLE, FLORIDA 32611 UNITED STATES	.	F	F	F		.	.	X	X	.	X	.	X	X	.	X	X	X	X	.
663 INSTITUTE OF MARINE SCIENCE UNIVERSITY OF ALASKA FAIRBANKS, ALASKA 99701 UNITED STATES	.	A	.	A	31 74 39 70	X	X	X	.	X	.	.	X	X	X	.	X	.	.	X
622 INSTITUTE OF MARINE SCIENCES UNIVERSITY OF NORTH CAROLINA MOREHEAD CITY, NORTH CAROLINA 28557 UNITED STATES	.	M	.	.	10	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
643 IOWA COOPERATIVE FISHERY UNIT DEPARTMENT OF THE INTERIOR FISH AND WILDLIFE SERVICE IOWA STATE UNIVERSITY AMES, IOWA 50010 UNITED STATES	X	F	F	F		.	X	.	.	.	.	.	X	X	.	.	.	.	.	.
644 LABORATORY OF LIMNOLOGY UNIVERSITY OF WISCONSIN MADISON, WISCONSIN 53706 UNITED STATES	.	F	.	F		.	X	.	.	.	.	X	.	.	.	.	X	.	X	.
662 LABORATORY OF RADIATION ECOLOGY COLLEGE OF FISHERIES UNIVERSITY OF WASHINGTON SEATTLE, WASHINGTON 98195 UNITED STATES	.	A	.	A	30	X	X	.	X	.	X	X	X	.	.	.	X	X	.	.
642 LIBRARY INSTITUTE FOR FISHERIES RESEARCH ANN ARBOR, MICHIGAN 48104 UNITED STATES	.	F	.	F	GL	X	X	.	.	.	X	X	.	X	.	.	.	.	.	.

	INSTITUTIONS	INSPECTOR	REFSEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	BENTHOS	INTAUNA	MICROORG	MAMM	PELAGIC	DEMERSAL	CONTAMINANTS: COMM. SP.	HALOCB	PETHYDCB	ORGCHEM	METALS	RADSUBST	BIOPOLLNTS	OTHERS
621	MARINE LABORATORY DUKE UNIVERSITY BEAUFORT, NORTH CAROLINA 28516 UNITED STATES	.	M	.	M	10	.	.	.	.	.	.	.	X	X	.	.	X	.	.	.
608	MARINE RESEARCH LABORATORY PACIFIC NORTHWEST LABORATORY BATELLE MEMORIAL INSTITUTE ROUTE 2, P.O. BOX 140 SEQUIM, WASHINGTON 99382 UNITED STATES	.	M	M	M	30	X	X	X	.	.	X	X	X	X	X	X	X	X	X	X
688	MARINE RESEARCH LABORATORY UNIVERSITY OF CONNECTICUT P.O. BOX 278 NOANK, CT. 06340 UNITED STATES	.	M	M	M	10	.	X	.	.	.	.	.	X	.	.	.	X	.	.	.
657	MARINE SCIENCE INSTITUTE UNIVERSITY OF TEXAS PORT ARANSAS, TEXAS UNITED STATES	.	A	.	A	17	X	X	.	X	.	X	.	.	.	X	X	X	X	X	.
618	MICROBIOLOGY DEPARTMENT OFFICE OF NAVAL RESEARCH 800 N. QUINCY STREET ARLINGTON, VIRGINIA 22217 UNITED STATES	.	M	.	M	30	.	.	.	X	.	.	.	.	X	X	.	X	.	.	.
609	MIDDLE ATLANTIC COASTAL FISHERIES CENTER NOAA-NMFS MILFORD, CONNECTICUT 06460 UNITED STATES	.	M	M	M	10	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.

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610 MILFORD LABORATORY NOAA-NMFS 212 ROGERS AVENUE MILFORD, CONNECTICUT 06460 UNITED STATES	.	M	M	M	10	.	X	.	.	.	X	X	X	.	.	.	X	.	X	.
630 MOSS LANDING MARINE LABORATORIES P.O. BOX 223 MOSS LANDING, CALIFORNIA 95039 UNITED STATES	.	M	.	.	30 38	X	.	.	.	X	X	.	X	.	.	.	X	.	.	.
A11 NATIONAL OCEANOGRAPHIC DATA CENTER NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION U.S. DEPARTMENT OF COMMERCE ROCKVILLE, MARYLAND 20852 UNITED STATES	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
641 NATURAL SCIENCE LIBRARY UNIVERSITY OF MICHIGAN 3140 NATURAL SCIENCE BUILDING ANN ARBOR, MICHIGAN UNITED STATES	.	F	F	F	GL	X	X	X	X	.	.	.	.	X	X	.	X	.	X	.
616 NAVAL RESEARCH LABORATORY DEPARTMENT OF THE NAVY WASHINGTON, D.C. 20375 UNITED STATES	.	M	.	M	17 10	X	.	.	X	.	X	.	.	X	.	.	X	.	X	.
651 NEW YORK OCEAN SCIENCE LABORATORY P.O. BOX 867 MONTAUK, NEW YORK 11954 UNITED STATES	.	A	A	A	10	X	X	X	X	.	X	X	X	X	X	X	X	.	X	X
601 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION STATE UNIVERSITY OF NEW YORK AT STONY BROOK STONY BROOK, NEW YORK 11790 UNITED STATES	.	M	M	.	10	X	X	X	.	.	X	X	X	X	.	.	X	.	.	.

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	INSTITUTIONS	INSPECTOR	REFSEARCH	MONITORING	BIOASSAY/TOXIC	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INTERACTIONS	COMMUNITY MICROORGANISMS	COMMUNITY MARINE	PELAGIC	DEMERSAL	COMMERCIAL SPECIES	CONTAMINANTS CHLORINATED HYDROCARBONS	CONTAMINANTS PETROLEUM HYDROCARBONS	CONTAMINANTS HEAVY METALS	CONTAMINANTS PESTICIDES	CONTAMINANTS RADIOISOTOPES	CONTAMINANTS BIOCIDES	CONTAMINANTS OTHERS
614	NOAA-NMFS COLLEGE PARK PRODUCTS TECHNOLOGY LABORATORY UNIVERSITY OF MARYLAND CAMPUS, REGENTS DRIVE COLLEGE PARK, MARYLAND 20740 UNITED STATES	.	M	M	M	10 30 17	.	X	.	.	.	X	X	X	X	.	.	X	.	.	.
652	NORTH CAROLINA SEA GRANT PROGRAM NORTH CAROLINA STATE UNIVERSITY RALEIGH, NORTH CAROLINA 27607 UNITED STATES	.	A	A	A	10	X	X	.	X	.	.	.	X	X	.	.	X	.	X	.
605	NORTHEAST FISHERIES CENTER NOAA-NMFS WOODS HOLE, MASSACHUSETTS 02543 UNITED STATES	.	M	.	.	10	.	.	.	.	.	.	.	X	.	X	.	X	.	.	.
632	NORTHWEST FISHERIES CENTER NOAA-NMFS NAVAL SUPPORT ACTIVITY SEATTLE, WASHINGTON 98115 UNITED STATES	.	M	M	.	30	.	.	.	.	X	.	.	X	X	X	X	X	.	.	.
636	OCEANIC INSTITUTE MAKAPUU OCEANIC CENTER WAIMANALO, HAWAII UNITED STATES	.	M	.	M	30	.	.	.	.	.	X	.	X	X	.	.	.	.	.	.
619	OCEANOGRAPHY DEPARTMENT OLD DOMINION UNIVERSITY NORFOLK, VIRGINIA 23508 UNITED STATES	.	M	.	.	10	.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
628	OFFICE OF MARINE GEOLOGY U.S. GEOLOGICAL SURVEY 345 MIDDLEFIELD ROAD MENLO PARK, CALIFORNIA 94025 UNITED STATES	.	M	.	.	30	X	X	.	.	.	.	.	.	.	.	.	X	.	.	.

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INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOX	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INT. FAUNA	COMMUNITY: MICROORG.	COMMUNITY: MARINE	COMMUNITY: PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANT: COMM. SP.	CONTAMINANT: HALOHYDROCB	CONTAMINANT: PETHYDROCB	CONTAMINANT: ORGCHEM	CONTAMINANT: METALS	CONTAMINANT: RADSUBST	CONTAMINANT: BIOPOLLNTS	CONTAMINANT: OTHERS
637 PAN PACIFIC INSTITUTE OF OCEAN SCIENCE P.O. BOX 1171 KAILUA, HAWAII UNITED STATES	.	M	.	M	30	X	X	.	X	X	.	.	X	X	X	.	X	X	X	.
678 RESERVOIR RESEARCH CENTER OKLAHOMA STATE UNIVERSITY STILLWATER, OKLAHOMA 74074 UNITED STATES	.	F	.	F		.	X	.	.	.	.	.	.	X	X	.	X	.	.	.
611 SANDY HOOK LABORATORY MIDDLE ATLANTIC FISHERIES CENTER NOAA-NMFS HIGHLANDS, NEW JERSEY 07732 UNITED STATES	.	M	M	M	10	X	X	X	X	.	X	X	X	X	X	.	X	.	X	X
638 SAVANNAH RIVER ECOLOGY P.O. DRAWER E AIKEN, SOUTH CAROLINA 29801 UNITED STATES	.	F	.	F		.	.	.	.	.	.	.	X	.	.	.	X	.	.	.
661 SCHOOL OF OCEANOGRAPHY OREGON STATE UNIVERSITY CORVALLIS, OREGON 97331 UNITED STATES	.	A	.	A	30	X	X	.	.	.	X	X	.	X	.	.	X	X	.	X
617 SMITHSONIAN INSTITUTION WASHINGTON, D.C. 20560 UNITED STATES	.	M	.	.	10	X	.	.	.	.	.	.	.	.	.	.	.	.	.	X
658 TEXAS PARKS AND WILDLIFE DEPARTMENT 715 SOUTH BRONTE ROCKPORT, TEXAS 78382 UNITED STATES	.	.	A	.	17	.	.	X	.	.	X	.	X	X	.	.	.	.	.	.
A08 THE CENTER FOR GREAT LAKES STUDIES THE UNIVERSITY OF WISCONSIN - MILWAUKEE MILWAUKEE, WISCONSIN 53201 UNITED STATES	.	F	.	F	GL	X	X	.	.	.	.	.	.	.	.	.	.	.	.	X

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY/TOXICITY	AREA	COMMUNITY PLANKTON	COMMUNITY BENTHOS	COMMUNITY INT. FAUNA	COMMUNITY MICROORGANISMS	COMMUNITY MAR. MAMM.	COMMUNITY PELAGIC	DEMERSAL	CONTAM. COMM. SP.	CONTAM. HALOCB	CONTAM. PETHYDCB	CONTAM. ORG. CHEM	CONTAM. METALS	CONTAM. RADIOSUBST	CONTAM. BIOPOLLNTS	CONTAM. OTHERS
607	THE IRA C. DARLING CENTER FOR RESEARCH TEACHING AND SERVICE UNIVERSITY OF MAINE WALPOLE, MAINE 04573 UNITED STATES	.	M	M	M	10 70 80	X	X	X	X	.	X	X	.	X	.	X	X	X	X	.
629	TIBURON FISHERIES LABORATORY NOAA-NMFS P.O. BOX 98 TIBURON, CALIFORNIA 94920 UNITED STATES	.	M	.	M	30	.	.	.	.	.	.	.	X	.	X	.	.	.	.	.
653	UNIVERSITY OF NORTH CAROLINA P.O. BOX 3725 WILMINGTON, NORTH CAROLINA 28401 UNITED STATES	.	A	.	A	10	X	.	X	.	.	.	.	.	.	.	.	X	.	.	.
682	VIRGINIA INSTITUTE OF MARINE SCIENCE GLOUCESTER POINT VIRGINIA 23062 UNITED STATES	.	M	.	M	10	.	X	X	.	.	X	.	X	X	X	X	X	.	.	.
604	WOODS HOLE OCEANOGRAPHIC INSTITUTION WOODS HOLE, MASSACHUSETTS 02543 UNITED STATES	.	M	.	.	10 16	X	X	.	X	.	X	.	.	X	X	.	X	X	X	.
A09	WORLD DATA CENTER A OCEANOGRAPHY NATIONAL OCEANOGRAPHIC AND ATMOSPHERIC ADMINISTRATION ROCKVILLE, MARYLAND 20852 UNITED STATES	.	.	.	.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
580	FACULTAD DE VETERINARIA INSTITUTO DE INVESTIGACIONES PESQUERAS R.O. DEL URUGUAY MONTEVIDEO URUGUAY	.	A	.	.	23	.	.	.	.	.	X	X	X	.	.	.	X	X	X	.

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	INSTITUTIONS	INSPECTOR	RESEARCH	MONITORING	BIOASSAY	AREA	COMMUNITY: PLANKTON	COMMUNITY: BENTHOS	COMMUNITY: INTAFAUNA	COMMUNITY: MICROORG.	COMMUNITY: MAMM	COMMUNITY: PELAGIC	COMMUNITY: DEMERSAL	CONTAMINANT: COMM. SP.	CONTAMINANT: HAL HYDCB	CONTAMINANT: PET HYDCB	CONTAMINANT: ORG CHEM	CONTAMINANT: MET ALS	CONTAMINANT: RAD SUBST	CONTAMINANT: BIOCPCL NTS	CONTAMINANT: OTHERS
700	INSTITUTE OF SCIENTIFIC INFORMATION U.S.S.R. ACADEMY OF SCIENCES BALTIYSKAYA UL. 14 MOSCOW A-219 USSR	.	.	A	.		X	X	X	.	X	X	X	X	X	X	X	X	X	X	.
751	INSTITUTO OCEANOGRAFICO APARTADO 94 CUMANA VENEZUELA	.	M	.	M	17	.	X	.	X	.	.	.	X	.	.	.	.	.	.	.
750	INSTITUTO VENEZOLANO DE INVESTIGACIONES CIENTIFICAS DEPARTAMENTO DE ECOLOGIA APARTADO 1827 CARACAS VENEZUELA	.	M	.	.	17	.	.	.	.	.	X	X	.	.	.	.	X	X	.	.
752	OFICINA NACIONAL DE PESCA MINISTRERIO DE AGRICULTURA Y CRIA APARTADO 2578 CARACAS 101 VENEZUELA	.	A	.	A	10 17	.	.	.	.	.	X	X	X	X	X	X	X	.	.	.
771	FACULTE DES SCIENCES INIVERSITE DE SAIGON BP A/2 SAIGON VIET-NAM, REPUBLIC OF	.	A	.	.	35	.	.	.	.	.	.	.	X	X	.	.	.	.	.	.
770	OCEANOGRAPHIC INSTITUTE OF NHA TRANG NHA TRANG VIET-NAM, REPUBLIC OF	.	M	.	.	35	.	X	.	.	.	.	.	.	X	X	.	.	.	X	.
780	CENTER FOR MARINE RESEARCH INSTITUTE RUDER BOSKOVIC ROVINJ YUGOSLAVIA	.	M	M	M	16	X	X	.	X	.	X	X	X	X	.	.	X	X	X	.

FIG. 1A : LOCATION OF INSTITUTES COLLECTING DATA ON CONTAMINATION IN AQUATIC ORGANISMS AND SAMPLING AREAS

Sampling areas : ○ = number of institutions analysing samples from a particular sea area

□ = total number of institutions actively sampling the region

Location : ● : 1 institute
◔ : 2 institutes
◕ : 3 institutes
◉ : 4 institutes

FIG. 1B: LOCATION OF INSTITUTES COLLECTING DATA ON CONTAMINATION IN AQUATIC ORGANISMS AND SAMPLING AREAS

EUROPE, NEAR EAST AND AFRICA

FIG. 1C : LOCATION OF INSTITUTES COLLECTING DATA ON CONTAMINATION IN AQUATIC ORGANISMS AND SAMPLING AREAS

FAR EAST AND AUSTRALASIA

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE
ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION

ANNEX I

FISHERY DATA CENTRE
CENTRE DE RASSEMBLEMENT DE DONNEES SUR LES PECHES
CENTRO DE DATOS PESQUEROS

CONCENTRATIONS OF CONTAMINANTS IN AQUATIC ORGANISMS - QUESTIONNAIRE TO IDENTIFY INSTITUTIONS
CONCENTRATIONS DE CONTAMINANTS DANS LES ORGANISMES AQUATIQUES - QUESTIONNAIRE POUR L'IDENTIFICATION DES INSTITUTIONS
CONCENTRACIONES DE CONTAMINANTES EN ORGANISMOS ACUATICOS - CUESTIONARIO PARA IDENTIFICACION DE INSTITUCIONES

Please complete and return to the address indicated on the reverse of this page
Prière de renvoyer le questionnaire dûment rempli à l'adresse indiquée au verso de cette page
Le rogamos responda a este cuestionario y lo devuelva a la dirección indicada al dorso de esta página

1. **Is your institution or Laboratory collecting data on concentrations of contaminants in aquatic organisms?**
Votre institution ou laboratoire rassemble-t-il des données sur les concentrations de contaminants dans les organismes aquatiques?
¿Se dedica su institución o laboratorio a recoger datos sobre concentraciones de contaminantes en organismos acuáticos?
☐ **Yes** Oui *Si* ☐ **No**

If yes, please indicate whether these data are resulting from
Si oui, préciser si ces données proviennent de
En caso afirmativo, indíquese si los datos en cuestión proceden de
☐ **research programmes** programmes de recherche *programas de investigación* **and/or** et/ou o/de ☐ **routine monitoring** d'activités de surveillance systématique *actividades ordinarias de vigilancia*

2. **Is your institution or Laboratory also conducting bioassays and/or toxicity tests?**
Votre institution ou laboratoire procède-t-il aussi à des dosages biologiques et/ou à des épreuves toxicologiques?
¿Realiza su institución o laboratorio bioensayos o ensayos de toxicidad?
☐ **Yes** Oui *Si* ☐ **No**

3. **Indicate the origin of samples** / Indiquer la provenance des échantillons / *Indíquese el origen de las muestras:*

☐ **lakes** lacs *lagos*
☐ **rivers/streams** cours d'eau *ríos/cursos de agua*
☐ **lagoons/bays/estuaries** lagunes/baies/estuaires *lagunas costeras/bahías/estuarios*
☐ **coastal waters** eaux côtières *aguas costeras*
☐ **open ocean** mer libre *alta mar*

4. **Indicate the broad geographical area being covered** / Indiquer la zone géographique approximativement couverte / *Indíquense las zonas geográficas de que se ocupa:*

Freshwater: Countries: .....
Eaux douces: Pays: .....
Aguas dulces: Países: .....

Names of water bodies (lakes, rivers, etc.) .....
Noms des plans d'eau (lacs, fleuves, rivières, etc.) .....
Nombres de las masas de agua (lagos, ríos, etc.) .....

Marine: Sea areas: .....
Eaux de mer: Zones maritimes: .....
Aguas marinas: Zonas marítimas: .....

5. **Indicate the communities or major species being investigated** / Indiquer les peuplements ou principales espèces faisant l'objet de recherches / *Indíquense las comunidades o las principales especies estudiadas:*

☐ **Plankton** Plancton *Plancton*
☐ **Microorganisms** Micro-organismes *Microorganismos*
☐ **Demersal** Espèces démersales *Especies demersales*
☐ **Benthos** Benthos *Bentos*
☐ **Marine mammals** Mammifères marins *Mamíferos marinos*
☐ **Aquatic species of commercial value (specify)** Espèces aquatiques d'intérêt commercial (préciser) ..... *Especies acuáticas de valor comercial (especifíquense)*
☐ **Interstitial fauna** Faune interstitielle *Fauna intersticial*
☐ **Pelagic** Espèces pélagiques *Especies pelágicas*
.....
.....

6. **Indicate the categories of contaminants being analyzed** / Indiquer les catégories de contaminants faisant l'objet d'analyses / *Indíquense los tipos de contaminantes analizados:*

☐ **Halogenated hydrocarbons (pesticides, etc.)** Hydrocarbures halogénés (pesticides, etc.) *Hidrocarburos halógenos (plaguicidas, etc.)*
☐ **Metals** Métaux *Metales*
☐ **Others (specify):** Autres (préciser): ..... *Otros (especifíquense):*
☐ **Petroleum hydrocarbons** Produits pétroliers *Petróleo y derivados*
☐ **Radioactive substances** Substances radioactives *Sustancias radioactivas*
.....
.....
☐ **Other organic chemicals (fatty acids, lipids, etc.)** Autres substances chimiques organiques (acides gras, lipides, etc.) *Otros productos químicos orgánicos (ácidos grasos, lípidos, etc.)*
☐ **Biological pollutants (bacteria, viruses, etc.)** Polluants biologiques (bactéries, virus, etc) *Contaminantes biológicos (bacterias, virus, etc.)*
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7. **Comments** / Observations / *Observaciones*

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If your address is not correct, please print or type your proper address below:

Au cas où votre addresse telle qu'elle est indiquée ci-dessus ne serait pas correcte, auriez-vous l'amabilité d'en inscrire l'exact libellé (en majuscules) ci-dessous:

Si su dirección no está correcta, le rogamos escribir con letras de imprenta o a máquina su propria dirección más abajo:

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FISHERY DATA CENTRE
Fishery Resources Division
Department of Fisheries

FAO
Via delle Terme di Caracalla
00100 ROME, Italy